COPY FOR OFFICIAL USE.

M.O. 410. AIR MINISTRY.

METEOROLOGICAL OFFICE

RÉSEAU MONDIAL 1930

MONTHLY AND ANNUAL SUMMARIES OF PRESSURE, TEMPERATURE, AND PRECIPITATION BASED ON A WORLD-WIDE NETWORK OF OBSERVING STATIONS

Published by the Authority of the Meteorological Committee

Crown Copyright Reserved

LONDON
PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE
To be purchased directly from H.M. STATIONERY OFFICE at the following addresses:
Adastral House, Kingsway, London, W.C.2; 120 George Street, Edinburgh, 2;
26 York Street, Manchester 1; 1 St. Andrew's Crescent, Cardiff;
80 Chichester Street, Belfast;
or through any bookseller

1937

Price 15s. 0d. net

RESEAU MONDIAL, 1930

PREFACE

The Réseau Mondial is published under the auspices of the International Meteorological Committee, which has appointed a Commission, the International Commission for the Réseau Mondial, to foster the enterprise. An account of its early history is given in the preface to the volume for 1914. The publication of the data commenced in 1917 with the annual volume for 1911, and during the four following years the volumes for 1912, 1913, 1910 and 1914 were issued, in that order. Since the appearance of the volume for 1914, meetings of the commission have taken place, in connexion with the meetings of the International Meteorological Committee held in London in 1921, in Zurich in 1926, in Copenhagen in 1929, and in Warsaw in 1935. At the London meeting the Commission approved the general form in which the results had been published, and adopted a resolution, subsequently endorsed by the Committee, requesting that the publication of similar data for ensuing years might be continued. In compliance with that request, sixteen additional volumes have now been issued.

The volume for 1921 for the first time gave effect to a wish, also voiced at the meeting held in London, for the inclusion of data from the oceans as well as from land stations. In that volume the information was confined to two five-degree "squares" in the North Atlantic. In subsequent volumes the number of squares varied from year to year, being as high as 14 in 1924 and 1925. In general, mean values are deduced from not less than 365 observations per year, thus putting a square on a par with a land station observing once daily, but where the total number of observations in any one month falls to 14 or less, the mean values for that month are omitted from the tables. In recent years the number of observations available from ships has greatly decreased, and in 1929 only two squares satisfied the criterion of 365 observations. This year the number has increased to three, namely 333a, 62° - 57°N., 20° - 15°W. 508, 35° - 30°N., 145° - 140°W. and 831, 10° - 5°N., 30° - 25°W. The data for these three squares will be found intercalated among the observations from land stations. They include:-

(1) the mean latitude and longitude of the observations, calculated separately for each month.

(2) the number of observations (entered in the column for "height").

(3) the mean pressure.

(4) the mean temperature of the sea surface. For convenience these figures have been entered in the column for the date of the absolute maximum temperature.

(5) the mean temperature of the air.

It will be observed that in one square two figures are given for each month as the number of observations. These different figures refer to the different elements; the number of observations of pressure available in any month frequently differs from the number of observations of sea temperature or of air temperature. The differences are in general not of sufficient importance to affect appreciably the mean latitude and longitude. Differences from normal are given where possible; the sources of these normals are stated in the "Table of Authorities".

At the meeting of the Commission held in Zurich in 1926, the following rules were adopted to regulate the practice regarding the normals to be used at land stations in the Réseau Mondial.

" (a) Departures from normal will not be employed unless the series of observations available covers a period of ten years or more.

(b) A normal will be prepared for any station as soon as ten years' observations are available. This normal will remain in use for the next five years. When data for 15 years are available, the normal will be revised. A further revision will take place when data for 25 years become available, and a final revision when data for 35 years become available. Normals covering a period of 35 years or more will only be revised when opportunity offers.

(c) While the procedure laid down in paragraph (b) will be the one usually followed, advantage will be taken of any re-determinations of normals which become available. Such an opportunity is presented by the publications of the collection of the 'Long Series' data which is now being made by the Smithsonian Institution, and normals based on these data will be brought into use in the volume of the Réseau Mondial for 1921.

(d) When an official meteorological service publishes departures from normal in its current publication these may, if thought desirable, be used in the Réseau Mondial.

(e) The periods covered by the normals will be set out in the "Table of Authorities" as at present. Whenever new normals are introduced the attention of readers will be called to the change by adding an appropriate sign to the figures to which the new normal has first been applied."

In editing the present volume these rules have been closely followed.

At the meeting of the Commission in Warsaw in 1935 the President stressed the growing difficulty which he experienced in collecting the necessary data for the Réseau Mondial. The Commission proposed the following Resolution, which was adopted by the Conference:-

"The Conference desires Meteorological Institutes to communicate summaries of the meteorological observations for stations under their control which are included in the Réseau Mondial, to the Director of the Meteorological Office, London, within twelve months of the end of the year to which the observations refer. If the data are not published in suitable form within this period, summaries should be communicated in manuscript on forms which will be supplied for the purpose."

The membership of the Commission, after the meeting of the Commission at Warsaw in September 1935 was as follows:- Sir George Simpson, Great Britain (President); Mr.C.C.Boughner, Canada; Dr. C. E. P. Brooks, Great Britain; Dr. D. la Cour, Denmark; Prof.F.Eredia, Italy; Prof. E. van Everdingen, Holland; Capt. N. I. Evgenoff, Russia; Dr. J. de Sampaio Ferraz, Brazil; Prof. H. von Ficker, Germany; Signor F. Francini, Italy; Dr. S. Fujiwhara, Japan; Dr. L. Gain, France; Prof. B. Helland-Hansen, Norway; Dr. Th. Hesselberg, Norway; Prof. J. Keränen, Finland; Dr. E. Kidson, New Zealand; Mr. J. B. Kincer, United States of America; Dr. K. Knoch, Germany; Dr. C.W.B. Normand, India; Prof. T. Okada, Japan; Capt. de Frégate J. Rouch, France; Dr. J. W. Sandström, Sweden; Prof. Dr. W. Schmidt, Austria; Dr. T.Schumann, South Africa; Mr. C. D. Stewart, Malaya, Prof. H. U. Sverdrup, Norway; Mr.W.S.Watt, Australia; M. Ph. Wehrlé, France; Prof. V. I. Wiese, Russia; Major C. Zappa, Italy.

A list of the additions or changes made in the network of stations since the issue of the preceding volume is given below. These changes have been made in consultation with the Directors of the National Meteorological Services concerned.

Additions:-

Zone 5, 40° to 30° N.	558	Sian	
Zone 6, 30° to 20° N.	639	Sebha	
	640	Hon	
Zone 8, 10° N. to 0°.	857a	Butterworth	
Zone 9, 0° to 10° S.	923	Senna Maduriera	Data for 1929, see page viii.
	923a	S. Gabriel do Rio Negro	Data for 1929, see page viii.

Substitutions:-

Zone 2, 70° to 60° N.	210	Aklavik for Mayo Landing
Zone 3, 60° to 50° N.	311	Prince George for Barkerville
	314	Fort Smith for Fort Chipewyan
Zone 4, 50° to 40° N.	451	Andijan for Narynskoe
Zone 5, 40° to 30° N.	538	Algiers (University) for Algiers (Bouzaréah)
Zone 8, 10° N. to 0°	858	Singapore (Mt. Faber) for Singapore

Deletions:-

Zone 2, 70° to 60° N.	233a	Akureyri
Zone 3, 60° to 50° N.	318a	Port Nelson

A change in site has been made at the following stations:-

Zone 4, 50° to 40° N.	461	Moukden
Zone 5, 40° to 30° N.	538a	Gadames

Data are available again for the following square:-

Zone 5, 50° to 40° N.	508, 35°-30°N., 145°-140°W.

Data for the following stations are missing:-

Zone 1, 80° to 70° N.	.....	101	Wrangell Island
		162	Bouloune
Zone 2, 70° to 60° N.	.....	201	Preobrajenye
		243	Kola
		244	Petrozavodsk
		246	Mezen
		248	Tcherdyn
		250	Obdorsk
		251	New Port
		253	Doudinka
		261	Vilioujsk
		264	Pétropavlovskoe
		268	Naiakhan
Zone 3, 60° to 50° N.	.....	321	Fort George
		326	Belle Isle
		344	Kiiv
		345	Saratov
		361	Tygan Ourkan
		364	Chantar Bolchoy
		369	Kluchevskoye
		370	Nikolskoe
Zone 4, 50° to 40° N.	.....	426	St. John's, Newfoundland.
		444	Kharkiv
Zone 5, 40° to 30° N.	.....	546	Lenkoran
Zone 8, 10°N. to 0°.	.....	822a	Merida, Venezuela
Zone 9, 0° to 10° S.	.....	940	Brazzaville

The total number of stations utilised was 465 as against 462 in 1929.

INTRODUCTION TO THE TABLES OF THE RÉSEAU MONDIAL FOR THE YEAR 1930.

Subdivision of the Globe and numbering of Stations.- In order to facilitate the grouping of the information, the surface of the globe is divided into zones each covering ten degrees of latitude. These zones are numbered consecutively from north to south, the number 1 being assigned to the zone extending from latitude 80°N. to latitude 70°N., the northernmost one for which information is available. The southernmost zone in the southern hemisphere for which observations are available, that extending from latitude 60°S. to latitude 70°S., accordingly becomes zone No. 15.

An identification number is assigned to each station. The first one or two digits in this number specify the zone to which the station belongs, and the last two digits indicate its position in longitude. For the latter purpose the zones are subdivided into 36 "squares" each extending over ten degrees of longitude, and two station numbers are assigned to each square. The enumeration of the stations starts from longitude 180° west of the meridian of Greenwich and proceeds eastward. A few examples will make the system clear. Station numbers 101 and 102 refer to the stations in zone 1 (i.e. between latitude 80°N. and 70°N.) between longitude 180°W. and 170° W., station numbers 335 and 336 to the stations in zone 3 (latitude 60°N. to 50° N.) between longitude 10° W. and 0°; station numbers 1147 and 1148 to the stations in zone 11 (latitude 20° S. to 30° S.) between longitude 50° E. and 60° E., i.e. to the Indian Ocean. In cases where it has been found desirable to give data for more than two stations in one "square" the additional stations are distinguished by adding the letter "a" to the numbers appropriate to the square. For two squares in zone 6 it was considered desirable to give data representing conditions at high and low levels. In square 30°N.-20°N., 20°W.-10°W. the mountain station Izaña has been included as well as La Laguna and in square 30°N.-20°N., 90°.-100°E. the mountain station Cherrapunji as well as Gauhati. The mountain station is indicated in each case by the addition of the letter "m" to the number appropriate to the low level station.

In the monthly tables the data are arranged by zones, and within each zone, in the order of the identification numbers of the stations.

Units.- Absolute units related to the metric system are employed throughout. The scale on which temperatures are recorded in the Réseau Mondial is such that the freezing point of water under atmospheric pressure is 273°A. precisely. Other temperatures differ by 273·0° from readings on the Centigrade scale. Conversion tables, showing the relation of these units to the units more commonly in use, will be found on pp. xvi to xviii of the Réseau Mondial for 1914.

Authorities.- The data have been transcribed in most cases from the publications of the various meteorological institutes received in the Library of the Meteorological Office. Particulars of the sources from which they have been taken will be found in the Table showing the Authorities for the Meteorology of the Globe, printed at the end of the volume. In many cases the volumes for 1930 have not yet been issued, and the data have therefore been taken from advanced manuscript copies supplied by the courtesy of the Directors concerned, whose valued co-operation is hereby acknowledged. The data for some stations in the British Colonies have been transcribed from manuscript returns received in the Meteorological Office, and have not yet been published elsewhere. The majority of the stations for which information is given are under the control of Government Meteorological Services; it is therefore assumed that the recognised conventions regarding the instruments and their exposure have been followed. In the case of other stations, information on these points is sometimes lacking, but no observations have been included that are known to be faulty in this respect. The positions of stations, their heights above sea-level, and the spelling of names, have been taken from the official meteorological publications, if given, but in some cases it has been necessary to complete this information from other sources.

Data for certain Siberian stations, not received through the usual channels in time for publication in this volume, have been extracted from Smithsonian Miscellaneous Collections, Vol. 90, World Weather Records, published in May, 1934.

In the tables for 1918 the symbol & was introduced to signify the true, or 24-hour, mean temperature. The letters a, b, c, etc., have replaced the symbols used in the volume for 1917 as references to the notes at the end of the Table of Authorities.

Height above Sea Level.- Particulars of the datum used in the European Countries when specifying heights above sea level will be found in the Introduction to the volume of Tables for 1914.

Normals.- Whenever possible, the departures from normal of the monthly values of mean pressure, mean temperature and precipitation, are given. In all cases an endeavour is made to ensure that the normals are based on the same combination of values as the current data, or a comparable one. The years to which the normals refer are given in the Table showing the Authorities for the Meteorology of the Globe at the end of the volume.

Pressure.- The tables provide space for the entries of mean monthly pressure both at station level and at mean sea level. If the values at sea level are not given in the publication from which the data have been transcribed, they have been computed in the Meteorological Office for stations not exceeding 2,000 metres in altitude, for which the heights above sea level were accurately known. The reduction is based on an expansion of the formula $p_o = pe^{\frac{z}{KT}}$ and assumes that the temperature decreases upwards at the rate of 0·5° C. per 100 metres and that the average relative humidity of the air column between the station and sea-level is 50 per cent. The monthly means of pressure are based for preference on hourly values, but when such are not available, combinations of observations at fixed hours have been used. Particulars of the combination adopted at each station are given in the Table showing the Authorities for the Meteorology of the Globe under the heading "Remarks". For certain stations the correction required to reduce the means computed in this way to the means computed from hourly observations will be found in Table 1(p.vii) of the Réseau Mondial 1928. In cases in which it is possible to give values both for station level and for sea level, the differences from normal refer to the latter, except at the stations to which the letter "q" is given in the list of Authorities, for which the differences from normal refer to station level.

Temperature.- The monthly tables include the means of the daily readings of maximum and minimum thermometers, the highest reading of the maximum and the lowest reading of the minimum thermometers, the mean temperature obtained from the mean maximum and mean minimum, and a column giving the observed or deduced mean of 24 hourly values per day.

The column headed "24 hr. mean" contains: in Roman type, means based on at least six equally-spaced observations each day: in italic type, either (a) means based on observations at one or more fixed hours, with or without an appropriate correction; or (b) means obtained by applying an appropriate correction to the mean of the mean daily maximum and mean daily minimum. The methods by which these figures in italics have been deduced are in all cases set out in the Table of Authorities in the column headed "Remarks" pp. 105 - 114.

Precipitation.- The term precipitation includes rain, snow, hail, and (if of measurable amount) dew. The solid precipitates are measured by the depths of water they yield or are computed to yield when melted.

Wind.- No information regarding wind is included in the general tables, but on the last page of the volume, the monthly Resultant Direction and "Constancy" computed from daily observations of wind are given for selected stations in the tropics. No account is taken of wind strength in computing these quantities; each observation of direction is regarded as a unit vector and the resultant direction is obtained by compounding the unit vectors. The "constancy" is represented by 100 times the ratio of the vector sum of the unit vectors to the number of observations (calms included). Direction is specified by the azimuth of the point from which the wind is blowing, and is measured in degrees from north through east.

State of Ice in the Arctic Seas.- Statistical information is given for each month on the last page of the volume.

Bibliography of the Meteorology of the Globe.- A bibliography will be found on page xv of the Réseau Mondial 1914.

1910 - 1930:-

416a Bismarck. Longitude: for 100° 38′ W. read 100° 48′ W.

1910 - 1927:-

1003 Alofi, Niue Island. The note published on page xif of the 1927 volume should read as follows:- Height should read 19·8m. throughout. 1910 - 1914: correct pressure means at M.S.L. by - 2·0 mb. and delete diffs. from normal. 1926 - 1927: correct pressure means at M.S.L. and diffs. from normal by - 0·9 mb.

1915 - 1929:-

928 Barra do Corda. The barometer has been reading low since the observations were first published in 1915, by an amount increasing from about 1 mb. in 1915 to 2 mb. in 1922 and 2·5 mb. in 1929. The deviations from normal should be deleted. The figures for 1930 are correct.

1922 - 1929:-

853 Nuwara Eliya. Table of Authorities: Period of Normals: 1922. for "P, 49 yrs., 1869-1920. T, 1869-77; '80-1920". read "P, 40 yrs., 1869-1904; '13-20. T, 49 yrs., 1869-1920. 1923-1927. for "T, 1869-77; '80-1920". read "T, 49 yrs., 1869-1920". 1928-1929. for "P, 49 yrs., 1869-1920". read "P, 40 yrs., 1869-1904; '13-20".

1923 - 1929:-

1039 Mossamedes. Table of Authorities: Remarks: for "$\bar{\alpha} = \frac{1}{4}(9+21+M+m)$" read "$\bar{\alpha} = \frac{1}{2}(M+m)$."

1925 - 1930:-

655a Akyab. Height redetermined as 8·8 m. Pressure: mean at M.S.L. and diffs. from normal should be corrected by + 0·3mb. from May 1925 to December 1930.

1925 - 1926:-

1371 Dunedin. Height: for 12·2 m. read 6·1 m.

1926 - 1929:-

1042 Gwelo. Longitude should read 29° 45′ E. throughout.

1927 - 1929:-

1039 Mossamedes. Temperature: delete all diffs. from normal.

1928 - 1929:-

853 Nuwara Eliya. Pressure: mean at level of station and at M.S.L. should be corrected by - 0·6 mb. throughout.

1928 - 1930:-

1021 Lima. From August 1928 to June 1930: Pressure: mean at level of station and at M.S.L. should be corrected by + 2·3 mb.

1929:-

548 Meshed. From May to December and Year: Temperature: delete Mean Min., Absolute Min., Date, Mean of A and B. and Diff. from normal.

834 Freetown, Sierra Leone. Table of Authorities: Remarks: for "$\bar{\alpha}$ (Jan. to May, July to Dec.) = $\frac{1}{2}$(17+M+m)". read "$\bar{\alpha}$ (Jan. to May, July to Dec.) = $\frac{1}{2}$ (17+M+2m)".

934 Ascension Island. November, December and Year: Temperature: delete Mean Min., Absolute Min., Date, Mean of A and B.

944 Nairobi (Kabete Obs.) Temperature and Precipitation: delete deviations from normal.

1022 Arica. From April to November: Pressure: delete mean at level of station and at M.S.L.

Page 116 State of Ice in the Arctic Seas and in the North Atlantic: Barents Sea, Normal (sq. km. x 10^3). June: for 941 read 841.

1914 - 1929:-

746 Aden. Table of Authorities: Remarks: 1914:- for "P = 8h." read "P (Jan. to Nov.) = 8h. P (Dec.) = 6½h. 1915 - 1917:- for "P = 8 h" read "P = 6½h." 1918 - 1929:- for "P = 8h." read "P = 7h."
Pressure diffs. from normal should read:-

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1914												+0·9	delete
1915	+2·3	+1·1	+1·1	-0·2	-0·1	+0·2	+0·6	+0·1	-0·2	-1·6	+0·2	+1·2	+0·4
1916	+0·2	+0·1	+0·1	-0·3	-0·7	-1·3	-0·1	+0·4	-2·0	-0·8	+0·5	-1·1	-0·4
1917	-0·5	-0·3	+0·2	-0·4	-0·3	-1·6	-1·1	-0·5	-1·5	-1·1	+2·0	-0·8	-0·5
1918	+1·1	+1·8	-0·2	+0·3	-1·9	+0·6	+2·0	+0·7	+2·2	+0·9	-1·2	+0·7	+0·6
1919	+0·2	+0·6	+1·3	+0·4	+0·2	-0·4	-0·1	+0·2	+0·7	+1·1	-0·6	+0·4	+0·3
1920	+0·1	-0·3	-0·1	+0·8	+0·8	+0·3	+1·1	+1·1	0·0	-0·2	-0·9	0·0	+0·2
1921	+0·4	-0·1	-0·1	+0·2	-0·5	-1·1	-0·3	+0·3	-0·1	+0·6	+0·6	-0·2	0·0
1922	+0·1	-0·6	+1·0	+0·3	+1·2	0·0	+1·2	0·0	-0·5	+1·6	+0·6	+0·2	+0·4
1923	+0·1	-0·9	+0·9	-0·4	+0·9	+2·2	+0·8	+1·1	+1·1	+0·8	+0·9	+0·6	+0·6
1924	+0·3	-0·2	+0·2	0·0	+0·9	+1·3	+0·4	+0·3	+0·9	+0·3	+1·2	0·0	+0·5
1925	+0·6	+1·3	+0·2	+0·6	-0·4	+0·2	+1·5	+1·2	+1·5	+0·9	-0·3	+0·9	+0·6
1926	+0·2	+0·1	+0·4	+1·7	+0·9	+2·0	+0·1	+0·4	-0·5	-0·7	-0·4	+0·2	+0·3
1927	+0·5	-0·7	+0·2	-0·2	+0·9	+1·0	+0·2	+0·9	+0·1	+0·7	+0·1	-0·9	+0·2
1928	-0·1	+0·4	+0·5	+0·1	+0·9	-0·5	+0·5	+1·5	+0·5	-0·6	0·0	+0·3	+0·3
1929	-0·4	-1·6	+0·1	+0·4	-0·1	+0·6	+0·5	+0·7	+0·8	+0·2	-0·6	-2·1	-0·1

ADDITIONS AND CORRECTIONS - continued

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
1929:-		N.	E.															
543	Ankara (Angora)	39 58	32 48	861														
	1929																	
	January				918·4	1020·6	- 0·1	275·1	284·1	2nd	266·3	256·9	25th	270·7	‡270·9	..	11	
	February				912·5	1017·5	- 1·4	274·3	283·6	28th	266·3	252·5	9th	270·3	‡270·2	..	5	
	March				916·9	1017·9	+ 1·7	278·5	287·6	28th	268·0	256·7	5th	273·3	‡273·3	..	30	
	April				913·7	1013·3	- 0·8	290·9	300·5	29th	275·4	265·8	10th	283·2	283·3	..	5	
	May				914·4	1009·5	- 3·4	298·1	303·8	14th	284·5	278·3	1st,7th	291·3	291·1	..	110	
	June				915·7	1012·9	+ 1·3	299·2	305·9	28th,29th	285·2	278·9	14th	292·2	292·3	..	22	
	July				915·3	1011·4	+ 1·5	302·1	308·2	10th	286·2	282·0	1st	294·2	294·6	..	0	
	August				913·7	1007·0	- 3·7	306·1	309·9	5th	290·3	285·9	13th	298·2	298·7	..	14	
	September				917·2	1012·1	- 3·1	295·6	308·5	1st	283·2	276·6	26th	289·4	289·3	..	60	
	October				919·3	1017·0	- 1·7	292·9	297·7	12th	280·0	275·5	3rd,4th	286·5	286·4	..	32	
	November				919·6	1019·0	- 1·3	288·2	294·2	2nd	275·9	268·9	24th	282·1	281·8	..	7	
	December				918·1	1018·3	- 2·9	281·5	286·1	3rd	272·5	265·8	8th	277·0	276·6	..	41	
	Year				916·2	1014·7	- 1·2	290·2	309·9	Aug.5	277·8	252·5	Feb.9	284·0	‡284·3	..	337	
923	Senna Madureira	S. 9 4	W. 68 40	135														
	1929																	
	January				994·0	1009·2	..	305·1	309·1	22nd	293·3	291·0	4,15,18	299·2	298·8	..	161	
	February				993·6	1008·8	..	305·1	309·0	13th	292·8	290·9	20th	299·0	298·6	..	171	
	March				994·4	1009·6	..	305·5	308·9	4th,10th	292·8	289·0	31st	299·2	298·4	..	292	
	April				993·9	1009·1	..	306·1	309·0	28th	293·5	290·0	12th	299·8	299·0	..	293	
	May				993·8	1009·0	..	306·7	309·9	20th	294·4	292·0	21st	300·6	299·2	..	62	
	June				994·7	1009·9	..	305·4	309·5	5th	294·1	285·0	13th	299·4	298·0	..	5	
	July				995·0	1010·2	..	306·8	309·5	18th,31st	294·1	286·7	20th	300·4	299·1	..	3	
	August				995·9	1011·1	..	306·8	310·0	sev.dates	292·8	287·8	24th	299·8	298·2	..		
	September				993·5	1008·7	..	305·6	309·1	14th	294·0	291·9	24th	299·8	298·4	..	50	
	October				992·8	1008·0	..	306·0	309·4	3rd	294·3	291·8	30th	300·2	298·6	..	108	
	November				993·1	1008·3	..	306·0	309·5	24th	294·2	291·3	8th	300·1	299·0	..	82	
	December				993·9	1009·1	..	304·9	309·3	27th	293·7	291·0	16th	299·3	298·4	..	308	
	Year				994·0	1009·2	..	305·8	310·0	Aug.	293·6	285·0	June 13	299·7	298·6	..	1564	
923a	São Gabriel do Rio Negro	0 8	67 5	85·0														
	1929																	
	January				999·5	1009·2	..	304·5	307·5	31st	295·4	293·0	17th	300·0	299·4	..	262	
	February				999·1	1008·7	..	305·0	308·0	25th	295·4	293·7	9th	300·2	299·5	..	139	
	March				1000·8	1010·6	..	303·4	305·8	16,17,20	294·9	293·8	10th	299·2	298·4	..	389	
	April				1001·1	1010·8	..	303·8	306·2	15th	295·0	294·0	6th	299·4	298·3	..	393	
	May				1002·6	1012·3	..	301·8	304·6	29th	294·6	292·0	31st	298·2	297·5	..	655	
	June				1003·1	1012·8	..	302·2	305·2	4th	294·2	292·1	1st	298·2	297·4	..	155	
	July				1003·9	1013·8	..	302·2	304·4	3rd,4th	293·8	291·3	10th	298·0	297·0	..	316	
	August				1002·3	1012·0	..	304·1	306·8	14th	294·0	292·4	21st	299·0	298·1	..	153	
	September				1001·1	1010·7	..	304·8	307·0	22nd	294·4	292·9	15th	299·6	298·7	..	191	
	October				1000·4	1010·0	..	305·9	308·9	31st	294·9	293·8	14th	300·4	299·5	..	80	
	November				998·7	1008·3	..	305·5	307·9	15th	295·4	293·9	29th	300·4	299·6	..	137	
	December				999·9	1009·6	..	303·7	309·9	5th	294·9	292·3	25th	299·3	298·4	..	426	
	Year				1001·1	1010·7	..	303·9	309·9	Dec.5	294·7	291·3	July 10	299·3	298·5	..	3292	

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks
543	Ankara (Angora)	MS. data supplied by Meteor. Inst. Republic of Turkey.	P, (1878–1913).	P, & (Jan. to Mar., Yr.) = ⅓ (7+14+21).
923	São Gabriel do Rio Negro	MS. data supplied by Directoria de Meteorologia, Rio de Janeiro.	..	& (Apr. to Dec.) = mean of 24.
923a	Senna Madureira	do. do.	..	P = ⅓ (7+14+21). & = ¼ (7+14+21+28).
				do. do.

RÉSEAU MONDIAL, JANUARY 1930

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JANUARY, 1930 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

JANUARY - ZONE 1.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 58	178 33	6·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1025·0	+ 5·3	262·6	271·9	8th,21st	254·0	236·3	2nd,3rd	258·3	..	+11·6	1	- 3
125	Upernivik	72 47	56 7	19·2	999·1	1001·6	- 4·2	257·8	269·5	26th	253·2	247·0	21st,22nd	255·5	255·6	+ 4·7	4	- 7
131	Myggbukta	73 30	21 30	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	1003·0	1005·2	..	262·0	271·5	31st	257·8	244·6	16th	259·9	258·8	..	74	..
135	Jan Mayen	70 59	W. 8 18	23·1	992·5	995·4	- 5·5	..	274·9	31st	267·7	262·6	17th	..	269·8	- 0·1	37	- 4
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	999·3	1000·7	- 4·5	..	269·8	5th	255·3	245·6	26th	..	258·6	+ 1·3	11	-24
140	Björnoen	74 28	19 17	29·2	992·1	995·9	- 6·9	..	275·0	17th	263·3	251·2	26th	..	266·6	- 0·6	25	-12
141	Ingoy	71 4	24 6	4·3	993·9	994·4	- 9·5	..	277·9	19th	271·1	265·2	28th	..	272·9	+ 1·2	92	+42
142	Sletnes	71 5	28 14	10·2	994·3	995·6	- 6·0	..	277·1	21st	268·7	263·1	17th	..	271·4	..	49	..
143	Vardö	70 22	31 5	11·8	994·5	996·0	- 7·9	..	276·4	12th	269·3	265·1	26th	..	271·3	+ 3·8	25	-40
147	Malye Karmakouly	72 23	52 43	15·3	996·8	998·8	- 8·9	..	..	..	..	..	..	..	264·7	+ 7·4	24	0
148	Waigatz	70 24	58 47	11·2	999·9	1001·4	- 6·2	..	..	..	..	..	..	..	263·9	+ 7·8	5	- 4
153	Dickson	73 31	80 23	13·0	1002·2	1004·0	- 9·5	..	..	..	..	..	..	..	253·4	+ 5·8	4	- 6
162	Boulouns	70 45 N.	127 47 E.	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N.

JANUARY - ZONE 2.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N.	W.															
201	Preobrajenye	64 52	175 18	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	272·4	274·1	sev.dates	267·3	254·7	1st	269·8	..	..	76	..
203	#Nome	64 30	165 24	6·7	1020·3	1021·0	+11·5	271·5	274·7	14,20,21	264·2	252·4	1st,28th	267·9	268·1	+12·3	62	+35
204	Bethel	60 45	161 47	11·6	..	1020·6	..	273·2	280·2	11th,12th	266·5	246·3	1st	269·9	..	+ 9·8	19	- 3
205	#Tanana	65 10	152 6	69·5	1021·8	1030·8	+16·4	259·2	276·3	8th	249·6	233·0	2nd	254·4	254·4	+ 7·7	29	+12
206	Rampart	65 30	150 15	114	..	..	..	255·2	275·2	8th	244·6	230·2	1st,3rd	249·9	..	+ 5·3	5	-12
207	Valdez	61 7	146 16	122	..	..	..	269·8	276·3	28th,29th	260·9	246·9	1st	265·3	..	..	34	..
208	#Eagle	64 46	141 12	248	1002·4	1035·9	+18·5	252·0	263·0	8,10,27	244·3	228·0	3rd	248·2	248·1	+ 1·1	5	- 6
209	Dawson	64 4	139 29	324	999·2	1046·8	..	239·7	259·7	27th,28th	233·9	223·6	1st	236·8	237·1	- 6·0	11	-10
210	Aklavik	68 14	134 50	7·6	1026·4	1027·5	..	..	275·8	9th	..	229·7	1st	..	‡253·7	..	14	..
211	#Fort Good Hope	66 15	128 38	65·2	1025·1	1034·3	..	256·4	275·2	8th	244·1	225·8	1st	250·3	..	+ 7·8	11	- 7
212	Fort Simpson	61 52	121 35	129	1012·2	1030·0	..	257·8	270·2	22nd	?248·7	..	..	?253·2	?252·6	+ 8·6	19	+ 3
213	Hay River	60 51	115 57	161	1006·4	1028·8	..	256·9	269·1	23rd	244·0	228·6	5th	250·4	249·6	+ 3·7	15	- 1
225	Jacobshavn	69 13	51 2	31·6	993·5	997·7	- 5·5	260·1	272·1	25th	255·1	247·5	16th	257·6	258·5	+ 3·5	4	- 5
226	Godthaab	64 10	51 43	20	..	..	..	..	264·6	4th	260·8	256·6	10th	262·7	263·0	- 0·2	6	-31
227	Ivigtut	61 12	48 10	30·0	989·2	993·0	- 4·9	268·1	274·9	16th	261·6	254·5	10th	264·9	265·0	- 0·5	9	-74
229	Angmagsalik	65 36	37 33	29·3	989·9	993·6	- 3·5	268·9	276·8	24th	262·8	254·8	13th	265·9	266·0	+ 1·0	41	-43
231	Stykkisholm	65 5	22 46	25	..	987·8	- 9·6	273·5	278·0	24th	268·3	261·4	20th	270·9	271·0	+ 0·2	23	-48
232	Vestmanno	63 24	20 17	132	..	983·4	-14·9	275·8	278·8	30th	271·5	264·1	29th	273·7	274·1	+ 0·3	204	+58
233	Grimsey	66 33	18 1	22	..	990·2	-10·4	272·3	275·9	31st	..	..	..	..	270·7	- 0·5	2	-14
234	Teigarhorn	64 41	14 22	18	..	986·7	-13·3	274·6	278·2	24th	269·7	263·1	21st	272·1	272·1	+ 0·1	191	+65
235	Hjalvig	62 3	6 45	22·9	985·8	988·6	-15·2	278·7	283·1	18th	274·2	271·6	16th,21st	276·5	276·9	+ 0·6	189	+18
236	Lerwick	60 8	W. 1 11	18·0	..	994·1	-12·5	279·7	283·0	19th	276·9	274·7	8,20,27	278·3	278·4	+ 1·3	147	+39
237	Bergen(Fredriksberg)	60 24	E. 5 19	44·4	994·9	1000·3	- 9·3	279·4	283·5	26th	275·6	273·1	29th	277·5	277·4	+ 2·7	406	+238
238	Aalesund	62 28	6 10	6·3	996·7	997·5	-10·0	..	285·3	19th	275·8	271·4	31st	..	278·0	+ 2·6	165	+31
239	Trondheim	63 26	10 25	59·2	991·6	998·9	- 8·9	275·6	283·1	19th	271·8	262·9	31st	273·7	274·2	+ 3·8	56	-33
240	Bodö	67 17	14 26	17·0	994·5	996·6	- 8·1	..	280·7	19th	272·2	263·3	30th	..	273·9	+ 2·5	95	+10
241	Haparanda	65 50	24 9	9·2	1001·5	1002·7	- 6·9	271·5	277·0	20th	267·4	253·0	28th	269·5	269·7	+ 7·9	60	+21
242	Helsingfors	60 10	24 57	11·7	1009·6	1011·1	- 1·5	275·8	279·4	8th	272·7	262·1	30th	274·3	274·4	+ 7·7	47	+ 2
242a	Kuopio	62 55	27 40	233	978·2	1007·4	- 4·4	272·0	278·0	20ta	268·0	250·0	31st	270·0	270·0	+ 6·3	54	+ 8
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Archangelsk	64 34	40 31	6·3	1007·1	1007·9	- 4·0	..	..	..	..	..	..	..	269·0	+ 9·5	32	+ 9
246	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 25	52 18	? 68	998·6	1007·4	- 3·2	..	..	..	..	..	..	..	264·5	+ 8·5	36	+16
248	Tcherdyn	60 24	56 31	?208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	46	1007·5	1013·7	- 0·4	..	..	..	..	..	..	..	257·2	+ 7·7	6	-11
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	1012·4	1018·9	0·0	..	..	..	..	..	..	..	255·3	+ 5·4	25	+ 7
253	Doudinka	69 23	86 4	?20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	1012·3	1018·4	- 3·9	..	..	..	..	..	..	..	254·5	+ 9·8	34	+22
261	Villouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	1009·1	1025·1	- 5·2	..	..	..	..	..	..	..	232·8	+ 3·5	8	- 1
263	Verkhoiansk	67 33	133 24	100	1000·8	1015·9	- 7·0	..	..	..	..	..	..	..	227·6	+ 4·7	7	+ 3
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Maiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	1007·9	1010·1	- 5·6	..	..	..	..	..	..	..	264·0	+14·0	8	0
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

#Change of normals, see Table of Authorities, pages 105-15.

JANUARY - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1018·2	1022·9	+ 2·0	289·8	293·7	17th	283·8	278·1	14th	286·8	287·0	- 0·4	121	
531	Horta	38 32	28 38	65	1015·2	1023·0	+ 1·6	289·2	293·3									
532	Ponta Delgada	37 44	25 40	22	1019·9	1022·5	+ 0·2	288·8	291·1	5th	284·5	279·6	13th	286·9	286·7	- 0·9	50	
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	6th	284·9	280·9	14th	286·9	287·0	- 0·5	..	
533	Madeira (Funchal)	32 38	16 55	25	1016·4	1019·4	- 2·4	292·3	294·0	..	..	..	..	..	..	..	108	
535	Lisbon	38 43	9 9	95	1006·7	1018·2	- 2·9	286·7	291·6	18th	287·1	284·5	18th	289·7	289·7	+ 1·5	111	
535a	Melilla	35 17	2 59	40	1014·7	1019·5	- 2·2	288·9	294·5	16th	281·7	278·9	2nd	284·2	284·1	+ 0·8	119	
536	Gibraltar	36 6	5 21	27·4	..	1019·1	- 2·4	288·6	292·4	16th	283·8	280·0	28th	286·4	286·4	+ 1·0	86	
536a	Colomb-Béchar	31 37	W. 2 13	769	930·1	1019·9	- 2·8	288·4	293·3	24th	283·1	279·1	28th	285·8	285·8	+ 0·1	127	
										13th	271·8	267·0	8th,11th	280·1	280·3	- 1·2	13	
537	Palma	39 34	E. 2 39	23	1013·8	1016·6	- 2·9	288·9	294·2	13th	277·8	274·2	sev.dates	283·4	282·7	- 0·1	90	
538	Algiers (University)	36 46	3 13	59	1010·7	1017·9	- 1·7	288·6	295·5	14th	283·0	280·0	28th	285·8	285·6	+ 0·7	88	
538a	Gadames	30 8	9 30	351	..	..	..	292·0	297·9	8th	276·7	274·2	9th	284·3	..	+ 1·1	15	
539	Tunis	36 48	10 10	**66	1009·5	1017·5	- 1·4	288·6	292·1	15th	281·5	278·0	22nd	285·0	284·8	+ 1·8	48	
540	Malta	35 54	14 31	71·2	..	1017·9	+ 1·2	287·9	290·2	27th	283·8	280·8	21st	285·9	285·5	0·0	120	
541	Athens	37 58	23 43	107	1006·9	1020·0	+ 1·9	285·8	291·8	26th	279·9	275·7	16th	282·9	282·5	+ 1·0	41	
542	Alexandria	31 12	29 53	32·0	1013·5	1017·4	- 0·7	291·7	294·9	1st	284·2	282·2	19th	288·0	287·4	+ 0·4	92	
543	Ankara (Angora)	39 58	32 48	861	919·6	1021·7	+ 1·0	280·7	286·2	29th	270·6	263·3	25th	275·7	275·1	..	9	
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1017·3	+ 0·3	288·1	290·2	sev.dates	279·0	274·7	25th	283·6	..	+ 0·7	173	
544	Beirut	33 54	35 28	33·7	..	1017·0	- 0·8	288·9	291·8	5th	283·9	281·6	17th	286·4	286·3	+ 0·2	118	
545	Hinaidi	33 17	44 29	32·9	1014·2	1018·2	- 2·7	287·2	290·7	5th	277·8	273·9	13th	282·5	282·2	+ 0·4	83	
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	
547	Tehran	35 41	51 25	1220	873·0	1014·8	..	277·1	279·8	30th	269·9	267·3	12th	273·5	273·1	- 1·7	32	
548	Meshed	36 17	‡‡59 36	946	..	..	..	274·5	280·1	6th	262·6	250·7	27th,28th	268·6	..	- 5·7	86	
549	Seistan	‡‡31 2	61 30	?610	965·1	..	..	282·1	286·3	24th	273·2	268·2	5th	277·7	..	- 3·7	35	
550	Quetta	‡‡30 10	‡‡67 1	1647	836·3	..	- 1·8	279·3	285·8	24th,26th	272·3	266·3	15th	275·8	275·4	- 1·5	69	
551	Peshawar	‡‡34 1	‡‡71 35	355	977·4	1020·4	- 0·9	289·2	294·7	11th	277·1	273·6	7th,17th	283·1	282·0	- 0·6	38	
551a	Lahore	‡‡31 35	74 20	214	991·9	1017·9	- 1·0	290·7	294·7	12th	278·1	274·1	7th,19th	284·4	283·6	- 1·1	15	
552	Simla	‡‡31 6	‡‡77 10	2202	780·6	..	- 0·8	280·4	288·0	11th,12th	274·4	267·4	16th	277·4	277·0	- 1·3	46	
552a	Leh	‡‡34 9	‡‡77 34	3503	663·1	..	- 1·9	..	..	..	255·4	247·4	21st	..	..	..	17	
558	Sian	34 31	109 5	365	983·8	1031·4	..	266·8	273·0	26th,27th	258·1	248·0	?	262·5	263·2	..	15	
559	Hankow	30 35	114 17	37·0	..	1032·3	+ 3·8	276·2	285·3	31st	269·3	261·7	8th	272·7	272·4	- 4·4	16	
560	Tientsin	39 9	117 9	6·4	..	1031·8	+ 3·1	272·7	279·7	31st	263·2	256·3	5th	267·9	267·8	- 1·2	1	
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1028·3	1029·2	+ 2·7	277·8	282·0	1st	271·6	264·8	8th	274·7	274·1	- 2·1	48	
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1019·3	1028·4	+ 3·4	272·8	280·9	27th	265·2	257·6	6th	269·0	268·5	- 0·9	1	
562a	Nagasaki	32 44	129 52	133	1007·5	1024·0	+ 2·1	280·8	285·7	27th	275·1	272·0	6th	277·9	277·7	- 1·0	30	
563	Kyoto	35 1	135 44	42·9	1016·9	1022·3	+ 3·1	280·8	285·6	29th	272·1	268·5	11th	276·5	275·7	+ 0·1	38	
564	Tokyo	35 41	139 46	5·8	1018·4	1019·1	+ 2·8	281·4	286·7	24th	272·7	269·3	7th	277·1	276·8	+ 0·8	41	
565	Hukusima	37 45	140 28	68·5	1011·3	1020·0	+ 3·2	287·6	291·9	15th	209·2	263·7	8th	273·4	273·2	- 0·3	23	
566	Miyako	39 38	141 59	30·4	1014·2	1018·1	+ 3·3	278·1	282·9	16th	266·6	261·0	7th	272·3	271·6	- 0·8	24	
		N.	E.															

JANUARY - ZONE 6 (AMERICA, AFRICA). BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N.	W.															
601	‡Midway Island	28 13	177 22	5·8	1011·6	1012·2	..	294·8	299·1	10th	285·8	281·3	29th	290·3	289·7	- 1·3	87	
605	Honolulu	21 19	157 52	11·6	1010·9	1012·2	- 4·0	297·4	299·7	23rd	291·4	286·9	14th	294·4	294·2	- 0·1	194	
613	Guaymas	27 55	110 53	8·3	1015·9	1016·9	..	295·2	300·3	3rd	286·0	282·7	10th	290·6	289·2	- 2·2	13	
615	Leon	21 7	101 41	1809	822·0	1014·6	- 0·4	296·2	298·6	9th	279·8	276·6	5th	288·0	286·9	+ 0·2	4	
616	Monterry	25 40	100 18	528	957·9	1020·1	+ 1·5	291·4	303·1	27th	279·3	269·2	18th	285·3	284·0	- 2·8	12	
617	Tulancingo	20 5	98 22	2181	789·9	..	- 0·7	294·0	299·6	13th	277·8	272·8	23rd	285·9	284·9	+ 0·5	6	
618	Galveston	29 18	94 50	16·5	1020·7	1022·7	+ 2·2	285·6	293·6	1st	278·8	262·4	18th	282·2	282·4	- 2·8	129	
618a	New Orleans	29 57	90 4	16·2	1020·9	1023·0	+ 2·7	288·8	298·0	14th	280·1	267·4	19th	284·4	284·4	- 0·8	175	
619	Merida, Yucatan	20 58	89 38	22	1014·9	1017·5	- 0·6	300·3	304·0	16th	292·3	289·0	11th	296·3	295·2	+ 0·8	92	
620	Havana	23 7	82 25	77·0	1009·1	1018·0	- 0·7	299·2	302·6	2nd	292·4	289·5	31st	295·8	295·5	..	71	
620a	Key West	24 33	81 48	6·7	1018·7	1019·3	- 0·4	297·9	301·3	29th	292·4	286·3	31st	295·2	294·6	+ 1·5	109	
621	Nassau, Bahamas	25 5	77 20	9·6	..	1018·1	- 1·3	299·8	302·4	19th	293·2	290·8	31st	296·5	296·4	+ 1·4	50	
622	San Salvador (Watling Island)	24 6	74 26	33·5	1017·0	1020·9	+ 1·4	..	302·4	13th	..	293·6	31st	..	297·8	+ 0·8	..	
633	Port Etienne	20 56	17 3	4	1015·1	1015·6	..	296·6	300·2	1st	285·4	283·0	18th	291·0	289·3	..	0	
634m	‡Isaña	28 19	16 30	2367	767·0	..	- 1·8	277·5	284·1	12th	272·4	269·6	19th	275·0	274·9	- 1·7	39	
634	La Laguna	28 28	16 20	547	955·1	1019·3	- 1·9	288·3	291·2	sev.dates	282·6	279·0	20th	285·5	285·0	+ 0·1	131	
636	Adrar	27 52	W. 0 17	?285	..	..	..	..	..	..	..	..	..	..	..	..	..	
638	Tamanrasset (Fort Lapperine)	22 45	E. 5 0	?1350	865·6	1013·8	..	294·6	298·5	14th	278·0	272·5	9th	286·3	286·4	..	0	
639	Sebha	27 1	14 27	424	..	..	..	..	..	..	..	..	..	..	..	..	..	
640	Hon	29 8	15 56	263	..	..	..	292·9	295·0	5th	275·3	274·0	15th	284·1	..	..	0	
641	Giarabub	29 45	24 31	49	..	..	..	290·0	291·4	12th	281·1	279·2	16th	285·5	..	..	3	
642	Siwa	29 12	25 29	-23	1021·4	1018·6	- 0·9	292·3	301·3	29th	277·6	273·5	18th	285·0	284·0	+ 0·3	0	
643	Cairo (Helwan)	29 52	31 20	116	1004·2	1018·3	- 0·5	290·5	295·5	29th	281·2	277·3	22nd	285·8	285·8	- 0·2	13	
643a	Aswan	24 2	32 53	100	1006·3	1018·2	+ 0·5	295·4	302·0	29th,30th	281·1	276·8	24th	288·2	287·4	- 0·7	..	
644	Tor	28 14	33 37	1·9	1016·7	1017·0	- 0·1	292·9	298·2	30th	282·3	280·0	26th	287·6	287·2	+ 0·2	12	
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
**Tunis. Height changed from 75 m. to 66 m. from January 1st.
†Estimates not based on at least six equally spaced observations each day are in italics.
‡‡Redetermined.
‡Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

JANUARY - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	‡‡28 59	‡‡50 49	4·3	1018·4	1018·9	..	289·7	294·1	23rd	283·0	280·2	1st,13th	286·3	286·1	- 1·1	163	+95
648	Jask	25 45	57 45	4·0	1017·3	1017·8	..	294·2	297·8	22nd	287·2	282·9	13th	290·7	290·5	- 2·0	151	+122
649	Karachi	‡‡24 48	‡‡66 59	4·0	1017·4	1017·8	- 0·4	295·6	300·8	12th	286·8	283·6	5,6,14	291·2	291·0	- 1·4	11	- 2
650	Jacobabad	28 17	68 29	56·7	1011·6	1018·4	- 0·4	294·4	296·9	12,21,29	280·0	275·2	6th	287·2	286·5	- 0·3	0	- 7
651	Jaipur	‡‡26 55	‡‡75 50	436	967·3	1018·8	- 0·3	295·2	302·4	13th	282·1	276·9	16th	288·6	287·8	- 0·7	23	+11
652	Nagpur	‡‡21 9	‡‡79 7	310	981·0	1016·9	- 0·3	302·4	306·9	28th	285·7	281·3	16th,18th	294·1	293·7	+ 0·2	0	-11
653	Allahabad	‡‡25 26	‡‡81 50	94·2	1006·1	1017·5	- 0·6	296·3	302·4	30th,31st	281·6	276·9	20th	288·9	288·0	- 0·4	5	-14
653a	Darjeeling	27 3	‡‡88 16	2265	775·1	..	- 1·4	278·6	283·8	12th	273·3	270·6	20th	275·9	275·5	- 1·9	20	+ 6
654	Calcutta	22 32	88 20	6·4	1015·7	1016·4	- 0·6	298·1	303·0	31st	285·8	282·4	22nd	291·9	291·6	+ 0·2	0	- 9
655	Gauhati	‡‡26 11	‡‡91 45	59·7	1010·2	1017·5	- 1·0	295·8	298·5	15th	282·5	279·1	18th	289·2	288·5	- 0·8	6	- 2
655m	Cherrapunji	25 15	‡‡91 44	1313	869·6	..	- 1·3	286·5	290·2	6th	279·2	274·7	19th	282·9	282·2	- 1·9	21	+ 9
655a	Akyab	‡‡20 8	‡‡92 55	6·1	1014·6	1015·4	- 0·2	299·6	302·3	4th	285·9	281·8	24th	292·7	292·2	- 1·5	0	- 2
656	Mandalay	21 59	‡‡96 6	76·2	1006·4	1015·3	- 1·0	302·4	304·2	16th	286·4	284·2	24th,26th	294·4	293·7	+ 0·1	0	- 1
656a	Tengyueh	25 0	98 40	1634	834·8	1014·8	..	287·6	291·3	1st,7th	273·9	270·2	4th	280·7	280·0	- 1·0	..	..
657	Phu Lien	20 48	106 38	116	..	1020·9	+ 1·7	288·1	296·2	3rd	283·2	280·0	8th	285·7	285·3	- 4·3	17	-14
658	Moncay	21 31	107 58	9·0	..	1018·3	- 1·5	285·5	292·7	2nd	280·8	276·3	12th	283·2	282·5	- 5·6	31	- 9
659	Hongkong	22 18	114 10	33·2	..	1020·4	+ 0·7	288·1	295·1	3rd	283·5	278·1	8th	285·8	285·6	- 2·9	58	+24
660	Amoy	24 26	118 4	4·9	1022·6	1023·2	+ 0·4	287·7	294·1	2nd	283·5	280·8	30th	285·6	285·0	- 2·6	37	+ 5
661	Taihoku, Formosa	25 2	121 31	9·3	1020·6	1021·7	+ 0·5	290·9	300·1	2nd	285·3	283·1	5th	288·1	287·5	- 0·8	192	+103
661a	Basco	20 28	121 59	18·7	..	1014·7	- 1·2	298·6	301·9	3rd,25th	294·1	291·0	31st	296·3	296·1	+ 1·0	713	+466
662	Naha	26 12	127 39	29·5	1015·8	1019·3	- 0·7	292·3	296·6	2nd	287·8	284·9	13th	290·1	290·0	+ 0·9	248	+116
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1017·1	1017·6	- 0·1	294·9	297·8	4th,16th	289·1	285·1	22nd	292·0	292·0	+ 1·4	85	-13
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

JANUARY - ZONE 7.

715	Colima	N. 19 12	W. 103 45	498	958·3	1014·4	+ 1·2	305·3	308·6	5th	288·2	285·9	22nd,31st	296·7	295·3	0·0	1	- 6
716	Morelia	19 42	101 7	1923	810·1	1013·2	- 0·9	293·6	295·9	28th	280·0	277·6	29th	286·8	286·6	+ 0·3	7	- 6
717	Mexico, Tacubaya	19 24	99 12	2309	775·1	..	0·0	294·2	297·4	13th	276·9	275·4	24th	285·5	284·8	+ 0·1	0	- 9
718	Salina Cruz	16 12	95 12	56	1006·8	1013·3	- 0·6	300·7	303·7	10th	292·9	289·0	24th	296·8	296·9	- 0·6	43	+42
719	San Salvador	13 42	89 13	682	938·6	1014·7	+ 1·3	307·0	309·2	20th,22nd	287·5	284·0	16th	297·3	296·8	- 0·3	0	- 7
720	Belize	17 31	88 11	5·2	1018·9	1019·6	+ 2·4	..	..	..	293·3	288·8	10th	..	‡295·8	+ 0·4	298	+141
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1015·9	+ 0·6	302·4	304·3	19th	292·2	288·9	9th	297·3	297·0	- 0·4	70	+26
722	Port au Prince	18 33	72 20	37·4	1012·2	1016·5	+ 0·6	303·3	304·8	2nd,22nd	292·5	289·8	20th	297·9	297·8	+ 0·1	77	+46
723	Caracas	10 30	66 56	1043	899·7	1014·7	..	297·3	300·0	15th,16th	287·3	284·5	1st	292·3	292·3	+ 0·3	17	- 5
724	San Juan, Porto Rico	18 29	66 7	25·0	1014·5	1017·6	+ 0·3	299·2	300·8	31st	293·7	291·9	10th	296·4	296·3	- 0·4	156	+39
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·0	1013·4	- 0·1	302·6	304·7	8th	295·3	294·7	sev.dates	298·9	298·5	+ 0·8	126	+15
725	Barbados	13 8	59 36	57·9	..	1015·2	+ 0·6	301·1	302·1	7th,31st	294·5	292·7	30th	297·8	297·6	+ 0·1	58	-24
731	São Vicente, C. Verde Is.	16 54	25 4	11	1014·4	1015·7	+ 0·5	296·3	297·7	7th	292·8	292·0	20,23,30	294·6	294·5	- 0·1	..	..
732	San Tiago, C. Verde Is.	14 54	23 31	34	1012·6	1016·6	+ 1·5	297·2	299·2	13th	293·0	290·8	22nd	295·1	295·0	- 0·9	..	..
733	Dakar	14 40	17 26	32	..	1013·7	..	297·9	304·5	12th	289·9	288·0	31st	293·9	292·1	- 0·7	1	0
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	299·8	304·7	12th	291·1	289·7	8th	295·4	295·2	- 0·8	0	..
735	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Kabara	16 45	W. 3 1	273	..	..	..	..	..	..	..	..	..	..	..	..	..	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	305·1	309·1	9,10,11	287·8	285·2	1,15,16	296·4	296·1	- 0·3	0	0
738	Kaduna Capital	10 32	7 25	?637	..	..	..	303·8	307·4	11th	..	..	..	..	‡294·2	- 0·7	0	0
739	Hadeija	12 40	10 5	?	..	..	..	302·1	306·3	9th,11th	283·5	277·4	19th,20th	292·8	292·5	- 2·4	0	0
740	Maiduguri	11 47	13 11	361	..	..	..	304·5	309·1	9,28,29	..	..	..	..	‡294·3	- 1·4	0	- 1
741	‡El Fasher	13 32	25 18	730	929·4	1012·6	..	302·6	309·5	30th	279·9	276·5	18th	291·2	289·3	- 2·5	0	0
743	El Obeid	13 11	30 14	563	949·1	1013·0	+ 1·5	300·9	306·7	12th	281·8	278·3	27th	291·4	290·9	- 1·8	0	0
743a	Khartoum	15 37	32 33	390	969·5	1013·9	+ 1·6	300·3	308·6	12th	285·3	280·1	25th	292·8	293·2	- 2·4	0	0
744	Port Sudan	19 37	37 13	5·5	1014·7	1015·4	+ 0·7	299·1	302·6	13th	290·3	286·9	22nd,23rd	294·7	294·4	- 1·7	0	- 8
745	Berbera, Somaliland	10 26	45 2	13·8	1012·3	1013·9	- 1·2	301·1	302·4	10th,22nd	294·8	292·4	4th,5th	297·9	298·0	+ 0·2	62	+56
746	Aden	‡‡12 49	‡‡45 2	29·9	1011·7	1015·1	- 0·9	300·6	303·1	23rd	296·2	294·9	30th	298·4	297·8	+ 0·8	75	+67
751	Bombay	18 54	72 49	11·3	1013·5	1014·8	- 0·5	301·3	305·8	10th,25th	291·9	288·6	16th	296·6	296·1	- 0·6	0	- 3
752	Kodaikanal	10 14	77 28	2343	772·5	..	+ 0·4	290·7	294·6	16th	281·4	278·2	1st	286·1	285·6	+ 0·5	44	-29
752a	Bangalore	‡‡12 58	‡‡77 35	921	913·4	1015·2	+ 0·2	301·7	304·7	28th	288·0	284·4	12th	294·8	294·4	+ 1·7	6	- 1
753	Madras	13 4	‡‡80 15	6·7	1014·2	1015·0	- 0·5	301·5	303·1	28th	293·2	290·1	13th	297·3	296·9	- 0·1	37	+ 2
754	Vizagapatam	17 42	‡‡83 18	38·4	1011·4	1015·8	- 0·7	300·1	302·0	28th	292·2	288·2	1st	296·1	295·7	+ 0·1	0	-12
755	Port Blair	11 40	‡‡92 43	18·0	1011·5	1013·5	- 0·1	301·8	304·3	17th	296·7	293·7	22nd	299·3	298·9	- 0·6	87	+46
756	Rangoon	16 46	‡‡96 11	5·5	1013·8	1014·5	- 0·4	305·7	308·2	7th	291·5	288·3	20th	298·6	297·5	+ 0·8	0	- 5
757	Cap St. Jacques	10 20	107 5	180	..	1012·7	..	299·7	303·2	22nd	295·2	294·0	5th,9th	297·5	297·1	- 0·3	0	- 3
758	Whatreng	12 15	109 12	3·6	..	1014·2	..	300·1	301·8	23rd,27th	293·6	291·2	20th	296·9	296·5	- 0·3	33	-29
759	Bolinao	16 23	119 53	2	..	1012·1	+ 0·7	302·9	305·0	21st,24th	295·0	291·5	5th	298·9	298·5	- 0·1	0	- 8
761	Vigan	17 34	120 23	12·2	..	1012·1	- 0·3	302·7	306·4	8th	294·3	291·5	17th	298·5	298·2	- 0·3	6	+ 3
761a	Manila	14 35	120 59	14·2	..	1012·4	+ 0·2	303·4	305·5	2nd	293·1	291·4	25th	298·3	297·5	- 0·3	47	+23
765	‡Guam, Ladrone Is.	11 0	124 36	5·6	..	1009·9	0·0	304·5	305·8	1st,27th	294·4	291·7	14th	299·5	299·1	+ 0·7	110	-69
766	Saipan	13 24	144 38	18·6	..	1009·6	+ 0·1	302·0	303·5	14th	296·8	294·8	30th	299·4	299·1	0·0	131	+66
		15 14	145 46	207	988·6	1008·9	..	299·6	300·5	3rd	295·3	294·0	21st	297·5	297·3	..	80	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm	mm

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
‡‡Redetermined.
†Estimates not based on at least six equally spaced observations each day are in italics.
‡Change of normals, see Table of Authorities, pages 105-15.

JANUARY - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

JANUARY - ZONE 10.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	¢Fanning Island	3 54	159 23	5·3	1009·2	1009·9	- 0·1	304·3	305·8	10,11,20	298·4	296·9	17th	301·3	300·9	+ 0·8	210	
821	Cristobal	9 23	79 54	11·0	..	1011·8	+ 0·2	302·3	303·0	—29th	297·7	296·3	25th	300·0	299·6	+ 0·3	62	
822	Bogota	4 36	74 5	2645	746·0	..	+ 0·6	292·1	296·0	29th	282·8	278·8	1st	287·5	286·6	+ 0·3	78	
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	1008·6	1013·0	+ 1·2	303·0	304·2	7,9,26	295·3	293·7	2nd	299·1	298·6	- 0·2	10	
824	El Peru, Guayanavieja	7 19	61 49	220	985·3	1010·5	- 0·5	..	..	..	293·3	290·4	2nd	..	‡294·5	- 0·2	102	
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·6	- 0·1	300·9	301·9	10th,12th	296·7	295·2	4th,20th	298·8	298·3	- 0·3	209	
826	Paramaribo	5 49	55 9	3·7	1012·2	1012·6	- 0·3	302·6	305·3	23rd	295·4	293·6	22nd	299·0	298·4	0·0	243	
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	320	
831	10°-5°N. 30°-25°W.	††7 4	††27 4	§(95-132)	..	1013·2	+ 1·2	..	..	Sea Temp. 298·5	-0·2							
833	¢Konakri	9 31	13 43	16	..	..	..	303·6	305·8	22nd	296·3	294·8	31st	299·9	300·4	+ 0·3	0	
834	Freetown, Sierra Leone	8 29	13 14	‡‡55·0	1004·8	1011·1	+ 2·0	303·1	305·2	31st	296·2	295·2	11,14,25	299·7	299·1	- 0·7	0	
835	Assuantsi	5 18	1 15	97·3	998·5	1009·6	..	303·3	305·2	29th	293·7	291·9	1,2,29	298·5	297·9	+ 0·1	26	
836	Accra	5 33	W. 0 12	17·7	1008·2	1010·2	+ 0·3	..	..	..	297·1	294·7	29th	..	‡300·3	+ 0·2	11	
837	Lagos	6 27	E. 3 24	3·0	1008·5	1008·9	- 0·7	303·3	304·7	13th,14th	296·3	293·6	2nd,19th	299·8	299·2	- 0·4	35	
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	303·6	305·8	..	294·3	291·3	..	298·9	298·3	..	298	
839	Yola	9 12	12 30	259	..	..	..	307·0	310·8	10,11,30	291·1	288·0	7,24,25	299·1	298·8	- 0·5	0	
841	¢Wau	7 42	28 3	440	960·6	1009·5	+ 0·5	307·8	310·0	5,12,20	287·1	283·0	24th	297·4	296·4	- 1·9	3	
843	Malakal (Kodok)	9 35	31 37	394	966·0	1010·2	+ 1·1	306·7	311·0	12th	289·2	286·8	19th	298·0	296·6	- 1·7	0	
843a	Mongalla	5 11	31 47	448	959·4	1009·6	+ 1·1	310·4	312·9	21st	291·5	287·9	17th	301·0	299·6	- 0·5	2	
844	Entebbe	0 5	32 29	1171	883·6	1010·3	+ 0·4	299·1	301·3	18th	290·4	288·6	16th,18th	294·7	294·0	- 0·5	84	
845	Sheikh	9 55	45 15	1463	..	..	..	293·8	297·4	21st	285·6	283·0	sev.dates	289·7	289·0	..	43	
851	Minicoy	‡‡8 18	‡‡73 0	2·7	1012·8	1013·0	- 0·2	303·6	304·1	4 days	297·3	294·8	14th	300·4	300·0	..	3	
851a	Cochin	9 58	‡‡76 14	2·7	1013·3	1013·7	+ 0·2	303·4	306·3	24th	296·1	293·7	13th	299·8	299·4	- 0·1	27	
852	Colombo Observatory	6 54	79 52	7·3	..	1011·3	+ 0·6	303·3	305·1	20th	295·0	293·7	21st	299·1	298·7	+ 0·1	146	
853	Nuwara Eliya	6 58	80 46	1881	814·4	1014·2	+ 1·5	293·6	295·8	14th	280·0	272·8	26th	286·8	285·9	- 0·2	177	
854	Trincomalee	8 35	81 15	30·2	..	1011·7	+ 0·1	299·8	301·2	27th	296·6	294·5	9th	298·2	297·8	- 0·1	316	
855	Kuta Raja	5 32	95 20	7·1	..	1009·7	- 1·1	..	..	..	..	..	..	..	..	..	99	
856	Medan	3 35	98 41	25	..	1010·4	- 0·9	304·0	306·4	30th	295·1	293·1	18th	299·6	298·9	+ 1·1	75	
857	Penang	5 34	100 20	5·0	..	..	..	306·4	308·0	12th,27th	297·9	294·1	2nd	302·2	301·7	+ 1·9	121	
857a	Butterworth	5 25	100 22	2·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	999·9	1010·3	- 0·3	303·2	305·2	26th	295·3	294·1	30th	299·3	298·1	..	103	
859	Sandakan	5 50	118 7	31·7	..	..	..	302·5	304·1	29th,31st	295·9	294·1	7,8,9	299·2	299·3	- 0·4	471	
860	Iwahig	9 44	118 38	14·3	..	1010·2	+ 0·7	303·5	306·0	7th	293·8	291·9	26th	298·7	298·7	+ 0·1	15	
861	Tagbilaran	9 38	123 51	21·3	..	1009·9	- 0·2	303·2	305·3	1st	294·9	293·2	10th	299·1	298·3	- 0·2	89	
861a	Menado	1 30	124 50	8·5	..	1009·6	- 0·1	301·6	304·3	31st	295·5	293·5	1st	298·5	298·3	- 0·2	..	
862	Surigao	9 48	125 29	6·0	..	1010·4	+ 0·3	300·9	303·1	31st	296·0	294·0	16th	298·5	298·2	- 0·3	421	
863	¢Kolonie, Yap	9 29	138 8	29·3	..	1009·6	+ 0·5	?302·4	?303·8	13th	?297·2	?295·1	23rd	?299·8	?299·4	- 0·2	152	
864	Palau	7 20	134 29	31·8	1005·8	1009·4	..	301·9	302·9	4th,18th	296·8	295·2	29th	299·3	299·3	..	207	
867	Ponape	6 58 N.	158 13 E.	38·9	1004·1	1008·5	..	301·5	302·8	27th	297·5	295·1	18th	299·5	299·5	..	329	

JANUARY - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	1007·3	1007·5	..	302·0	303·1	28th	299·9	298·1	26th	300·9	300·6	..	342	
920	Lambayeque	6 46	80 55	15	1010·3	1012·0	..	305·5	307·8	29th	289·9	287·5	10th	297·7	296·4	..	0	
921	Quito	0 14	78 30	2816	727·5	..	..	294·6	298·3	14th	281·1	277·4	2nd	287·9	286·3	+ 0·5	71	
923	Senna Madureira	9 4	68 40	135	993·0	1008·2	+ 0·1	304·7	308·4	19th	293·3	291·0	26th,28th	299·0	298·3	..	295	
923a	São Gabriel do Rio Negro	0 8	67 5	85·0	1000·6	1010·3	..	303·6	306·4	23rd	295·0	293·2	6th	299·3	298·5	..	367	
924	Manaos	3 8	60 1	43·8	..	..	..	302·6	305·7	12th,13th	295·1	293·5	5th	298·8	298·1	- 1·0	377	
926	Taperinha	2 30	54 20	21·5	1009·0	1011·5	+ 0·7	303·1	305·0	10th	295·7	294·7	19th	299·4	298·5	+ 0·1	173	
927	Turyassu	1 43	45 26	9·1	1009·6	1010·7	+ 0·4	305·0	307·2	6th	295·7	293·2	19th	300·4	299·8	+ 0·6	103	
928	Barra do Corda	5 30	45 16	81·0	1002·3	1011·8	..	303·7	305·5	2,12,18	294·1	292·9	sev.dates	298·9	297·8	- 0·3	187	
929	Quixeramobim	5 16	39 15	207	988·4	1011·6	+ 0·8	305·1	307·3	13th	298·2	296·2	22nd	301·6	301·3	+ 0·1	70	
930	Fernando Noronha	3 50	32 25	106	1000·3	1012·2	+ 0·5	302·1	302·8	10th,20th	297·6	296·0	5th	299·8	299·0	+ 0·6	19	
934	Ascension Island	7 56	W.14 25	16·8	1012·6	1014·4	+ 1·1	..	..	..	..	..	..	..	298·4	+ 0·2	7	
939	Loanda	8 49	E.13 13	59·3	..	1011·5	+ 0·5	300·6	301·8	21st	296·1	294·4	7th	298·3	297·9	- 0·2	3	
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	
942	Tshibinda	2 19	28 45	2115	..	..	..	293·3	297·0	..	284·0	282·1	..	288·7	289·2	..	179	
943	Masaka	0 20	31 44	1280	..	..	..	300·3	302·4	18th	289·9	288·6	14th	295·1	294·4	..	78	
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	820·4	1012·4	..	295·8	298·7	26th	285·6	283·3	3rd	290·7	290·2	..	44	
944a	Zanzibar	6 10	‡‡39 12	17·1	1010·5	1012·5	- 0·2	303·6	305·2	27th	299·3	295·2	1st	301·4	301·0	+ 0·2	35	
945	Lamu	2 16	40 50	3·0	..	..	..	302·1	303·6	27th	296·1	296·3	3,23,28	299·8	299·4	- 0·4	0	
947	Seychelles, Port Office	4 37	55 27	4·6	1010·5	1011·0	- 0·2	301·8	302·9	22nd	296·7	294·5	19th	299·3	298·6	- 0·2	157	
957	Padang	0 56	100 22	6·7	..	1010·9	- 0·1	303·2	304·4	17th	296·2	294·2	9th	299·7	299·3	0·0	351	
958	Batavia	6 11	106 50	8·0	1009·0	1009·9	0·0	303·2	305·6	16th	296·4	295·3	10th,30th	299·8	299·4	+ 0·9	144	
958a	Pontianak	0 1	109 20	2·6	..	1009·8	- 0·5	304·1	305·7	27th	296·8	295·8	12th	300·5	299·4	+ 0·3	366	
959	Pasuruan	7 38	112 55	5·0	..	1008·9	- 0·2	304·6	305·9	30th	296·5	294·9	1st	300·5	300·1	+ 0·6	268	
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	597	
962	Amboina	3 42	128 10	4·2	..	1008·5	- 0·1	305·2	307·6	28th	297·8	296·6	18th	301·5	300·9	+ 0·9	132	
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	613	
965	Daru	9 4	143 13	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	
966	Port Moresby	9 29	147 9	38·4	..	1008·2	0·0	304·6	..	..	297·1	..	..	300·8	300·3	- 0·6	170	
967	Rabaul	4 9	152 12	12·5	1006·0	1007·5	+ 0·3	304·5	306·8	5th	295·7	294·3	22nd	300·1	299·5	- 0·3	215	
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	304·4	306·2	6th	297·6	294·7	27th	301·0	300·8	+ 0·1	257	
970	Ocean Island	0 52	169 35	42·6	1003·2	1008·2	- 0·9	302·8	305·8	6,22,23	298·2	295·2	13th	300·5	299·9	- 0·3	535	
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
‡‡Redetermined.
§Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

JANUARY - ZONE 10.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1007·1	- 0·5	303·0	304·0	17th	297·7	296·4	1st	300·3	300·5	+ 0·8	259	-174
1003	¢Alofi, Niue Island	19 2	169 55	19·8	..	1009·3	+ 0·1	304·7	306·3	15,16,17	292·8	290·8	9th,29th	298·8	298·6	- 0·9	167	-98
1021	Lima	12 5	77 3	111	997·2	1010·1	..	300·2	302·4	12th,23rd	291·3	288·4	11th	295·7	294·3	..	0	..
1022	Arica	18 28	70 20	5	1011·4	1012·0	..	296·5	297·7	15th	288·6	287·0	7th,8th	292·5	293·8	- 1·6	0	- 1
1024	La Paz, Bolivia	16 30	68 8	3658	658·6	..	+ 1·1	289·3	293·1	12th	279·2	277·8	6th	284·3	283·0	- 0·5	173	+54
1025	Corumba	18 59	57 39	116	995·8	1008·7	+ 1·1	305·6	308·4	25th	295·1	292·6	14th	300·4	299·4	+ 0·1	137	-76
1026	Cuyaba	15 36	56 6	165	990·7	1009·2	+ 1·0	305·9	309·5	8th	295·3	294·2	11th	300·6	299·3	+ 0·4	131	-110
1027	Bello Horizonte	19 56	43 56	895	914·1	1011·5	+ 0·9	303·2	307·6	15th	292·1	290·6	4th	297·7	297·3	+ 2·5	43	-305
1028	Caetite	14 3	42 37	897	915·7	1013·5	+ 1·4	302·7	306·7	20th	290·2	288·3	6th	296·4	296·5	+ 0·3	18	-119
1029	Ondina (Bahia)	13 0	38 31	46·6	1007·8	1013·0	+ 0·5	302·3	303·7	8th	296·1	294·6	25th	299·2	298·9	+ 0·1	37	-38
1030	Aracaju	10 55	37 3	6·1	1012·8	1013·6	+ 0·2	301·7	302·3	11,21,30	295·9	293·7	3rd	298·8	298·7	..	85	..
1035	¢St. Helena	15 57	W. 5 40	579	946·8	1013·5	+ 0·9	..	..	..	287·7	286·9	sev.dates	..	289·6	- 0·4	47	- 5
1039	Mossamedes	15 12	E.12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	904·4	1009·2	..	303·3	309·2	9th	291·9	287·4	21st	297·6	..	- 0·7	230	+37
1041a	¢Elisabethville	11 39	27 28	1230	875·0	1006·4	- 0·7	299·4	302·6	20th	289·7	287·6	28th	294·5	..	- 0·6	362	+130
1042	Gwelo	19 26	29 45	1411	..	..	..	299·0	303·0	10th	288·4	284·7	22nd	293·7	..	- 0·8	35	-110
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	852·3	1010·3	+ 0·8	298·6	302·4	15th	288·2	284·7	21st	293·4	292·7	- 0·5	99	-87
1044	Zomba	15 23	35 18	955	904·2	1007·7	+ 0·6	299·1	302·4	3rd	291·3	289·1	22nd,31st	295·2	294·6	- 0·5	251	-31
1045	Mossuril	14 57	40 40	15	..	1010·0	..	305·1	307·6	14th,18th	296·7	295·0	21st	300·9	300·4	..	265	..
1046	Antananarivo	18 55	47 33	1375	861·9	1008·8	- 0·9	298·2	302·7	23rd	288·3	285·3	4th,9th	293·2	292·4	- 0·6	121	-178
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1010·6	1011·4	- 0·1	303·3	304·1	20th	297·8	294·7	7th	300·6	300·2	+ 0·1	285	+147
1057	Christmas Island	10 25	105 43	5·5	1008·0	1008·7	+ 0·9	305·1	306·9	10th	297·6	296·3	1st,22nd	301·3	300·9	+ 0·9	45	-182
1061	Kupang	10 10	123 34	45	1003·1	1008·2	- 0·5	305·1	307·5	30th	297·4	295·1	8th	301·3	301·0	+ 1·4	45	-343
1061a	¢Derby	17 18	123 40	16·2	1004·4	1006·2	- 0·7	309·4	313·9	21st	299·9	296·9	12th	304·7	..	+ 1·3	105	-76
1062	Hall's Creek	18 13	127 46	373	964·9	1005·5	- 0·8	308·9	313·8	26th	295·5	290·8	1st,4th	302·2	301·7	- 1·0	200	+52
1063	Darwin	12 28	130 51	29·6	1001·5	1004·8	- 1·0	306·2	308·6	20th	299·2	295·4	9th	302·7	301·7	+ 0·9	57	-339
1064	Daly Waters	16 16	133 23	211	980·0	1003·1	- 1·9	309·8	314·1	23rd	298·0	294·1	8th	303·9	303·4	+ 0·5	257	+95
1065	Palmerville	15 56	144 8	210	980·7	1004·0	- 1·8	304·3	309·9	1st	296·4	294·7	9th,18th	300·3	..	- 0·8	554	+277
1066	Georgetown, Queensland	18 22	143 32	302	971·2	1004·7	- 2·0	304·9	309·7	1st	296·3	294·1	31st	300·6	..	- 0·7	182	-27
1066a	Willis Island	16 18	149 59	8·5	1004·1	1005·2	- 1·2	303·1	304·7	2,15,18	298·4	296·4	6th	300·8	301·0	- 0·1	373	+196
1067	Samarai	10 37	150 40	6·1	..	1007·5	- 0·2	..	..	..	297·2	..	..	..	‡302·4	+ 1·2	114	-54
1072	Suva, Fiji	18 8	178 26	6·1	1006·4	1007·1	- 0·3	303·5	306·3	14th	297·1	294·1	27th	300·3	300·1	+ 0·7	440	+150
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 20° S. AND 30° S.

JANUARY - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	302·1	305·2	8th	295·4	293·0	9th	298·8	298·6	0·0	179	-63
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1009·9	1012·7	- 1·8	294·0	296·0	30th	288·4	287·0	3rd	291·2	290·4	+ 0·1	0	0
1122	¢Antofagasta	23 42	70 24	94	1001·8	1012·8	- 1·5	296·5	297·5	30th,31st	290·1	288·0	9th	293·3	293·5	- 0·6	0	0
1123	Catamarca	28 29	65 47	528	949·2	1006·7	+ 0·3	309·7	316·5	1st,25th	295·0	291·5	14th	302·3	302·0	+ 2·2	62	-11
1124	Salta	24 46	‡‡65 24	1182	..	..	..	..	..	..	..	..	..	..	..	..	140	-32
1125	Goya	29 9	59 15	37	1006·4	1010·6	+ 1·7	306·8	309·7	11th	293·6	289·5	20th	300·2	298·8	+ 0·1	139	+24
1126	¢Asuncion	25 17	57 41	93	1000·7	1011·3	+ 3·0	306·5	311·3	29th	295·8	292·4	17th	301·2	300·0	- 0·2	197	+47
1127	Curityba	25 25	49 17	908	912·1	1011·9	+ 0·5	299·3	302·5	2nd	290·3	287·3	20th	294·8	293·5	+ 0·2	148	-23
1128	Rio de Janeiro	22 54	W.43 10	18·3	1009·2	1011·3	+ 0·3	302·5	309·0	13th	296·5	294·1	12th	299·5	299·5	+ 1·1	92	-34
1139	Windhoek	22 34	E.17 6	1727	829·8	1008·0	..	303·0	306·1	30th	290·3	288·3	25th	296·6	295·8	+ 0·1	19	-61
1140	O'Okiep	29 36	17 52	933	909·3	1010·7	+ 0·2	304·3	310·8	7th	289·4	282·0	1st	296·9	296·6	+ 1·6	0	- 5
1141	¢Kimberley	28 44	24 46	1218	879·8	1009·6	+ 1·9	304·1	308·0	12th	289·8	285·9	5th	296·9	296·8	- 0·6	67	+ 6
1141a	Johannesburg	26 11	28 4	1806	823·9	1013·2	+ 1·4	297·4	301·4	13th	286·0	281·5	21st	291·7	291·2	- 0·6	124	-33
1142	Bulawayo	20 9	28 35	1349	867·6	1011·7	+ 0·9	300·4	305·4	10th	288·6	283·1	22nd	294·5	294·0	- 0·4	145	- 3
1143	Durban	29 52	31 3	15·2	1014·3	1016·1	+ 1·4	300·6	303·9	12th	293·9	291·0	16th,20th	297·3	296·9	0·0	107	- 9
1144	Lourenço Marques	25 58	32 36	59·5	..	1014·5	+ 2·1	302·4	310·2	28th	294·2	291·2	21st,22nd	298·3	297·9	- 0·5	124	- 3
1147	Mauritius	20 6	57 33	55·2	1004·0	1010·3	- 1·6	301·3	303·9	18th	295·8	293·7	16th	298·5	298·3	- 0·7	230	+33
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
‡‡Redetermined.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

JANUARY - ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	◊Onslow	21 43	114 57	4·3	1004·4	1004·8	- 0·9	308·6	319·4	28th	293·9	288·8	31st	301·2	..	- 1·6	0	-23
1160	◊Cue	27 27	117 52	454	958·5	1007·5	0·0	312·7	317·3	20th,29th	296·4	290·2	8th	304·6	..	+ 1·4	0	-28
1161	Nullagine	21 53	120 5	386	..	..	..	314·5	318·0	9th	295·8	291·3	2nd,6th	305·2	..	+ 0·5	0	-76
1162	Laverton	28 40	122 23	466	959·4	1010·2	+ 0·6	310·9	317·1	6th	293·4	286·7	10th	302·1	301·8	+ 1·0	0	-23
1163	Alice Springs	23 38	133 37	587	943·2	1007·3	+ 0·6	305·7	310·8	6th,7th	292·7	288·0	2nd	299·2	299·2	- 2·2	93	+45
1164	William Creek	28 55	136 21	76·2	1001·9	1010·3	+ 0·7	308·7	315·3	23rd	293·8	287·4	3rd	301·2	300·8	+ 0·1	0	-11
1164a	Boulia	22 55	139 38	146	988·0	1004·0	- 0·9	311·6	315·6	19th	296·9	292·6	1st	304·2	304·2	+ 0·1	5	-75
1165	Thargomindah	27 58	143 43	123	994·1	1007·7	+ 0·5	308·2	313·6	12th,13th	296·8	290·4	4th	302·5	302·1	- 0·2	32	-18
1166	Mitchell	26 32	147 52	336	971·3	1008·5	+ 0·6	305·6	312·7	19th	293·7	287·7	1st	299·6	..	+ 0·2	58	
1167	Rockhampton	23 24	150 30	11·3	1006·7	1008·1	- 1·1	302·6	309·6	14th	295·3	292·9	12th	298·9	298·4	- 1·0	675	+459
1168	Brisbane	27 28	153 2	41·8	1007·6	1012·0	+ 0·5	301·2	308·1	20th	293·7	291·0	29th,30th	297·4	296·7	- 0·7	252	+98
1170	Norfolk Island	29 4	167 59	14·9	1012·6	1014·4	+ 1·2	298·7	303·6	28th	292·6	288·0	12th	295·7	295·3	+ 0·8	36	-59

JANUARY - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 52	6	1019·8	1020·5	+ 2·5	295·8	298·0	sev.dates	286·9	..	..	291·3	290·8	- 0·5	0	-20
1221a	Punta Tumbes	36 37	73 6	120	998·3	1012·6	- 1·7	291·6	296·4	31st	283·0	280·0	17th,23rd	287·3	287·6	- 0·9	0	- 4
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1009·1	1014·0	- 0·1	294·0	298·1	17th	285·0	283·2	2nd	289·5	289·5	- 1·5	0	- 1
1222a	Santiago	33 27	70 42	520	952·3	1011·0	- 1·1	302·4	305·4	11th	285·6	283·2	2nd	294·0	293·4	+ 1·0	0	- 1
1223	Cordoba	31 25	64 12	423	961·5	1008·5	- 0·4	307·2	312·4	1st	291·3	287·1	20th	299·3	299·0	+ 2·8	97	-15
1224	Bahia Blanca	38 45	62 16	28·7	1007·8	1011·1	0·0	305·1	313·2	22nd	290·1	283·4	9th	297·6	297·0	+ 0·8	32	
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1008·6	1011·5	0·0	303·3	309·2	12th	291·0	285·5	13th	297·2	296·6	+ 0·5	123	+44
1226	◊Montevideo (Prado)	34 52	56 12	24·9	1007·4	1010·7	- 1·1	301·9	307·5	24th	290·1	283·0	20th	296·0	295·8	+ 0·4	72	+ 1
1226a	Porto Alegre	30 2	W.51 13	23·5	1008·4	1011·1	- 0·2	302·7	308·6	12th	293·7	288·8	19th	298·2	297·7	+ 0·3	179	+70
1239	Cape Town	33 56	E.18 29	12·2	1013·6	1015·0	+ 2·0	299·2	307·3	3rd	289·2	284·6	28th	294·2	292·8	+ 0·1	19	+ 2
1240	Danger Point	34 37	19 18	27·7	..	..	..	293·8	296·3	16th,27th	287·1	283·6	2nd	290·4	..	- 1·2	18	- 2
1241	Riversdale	34 6	21 16	61·0	..	..	..	301·3	306·9	12th	287·6	281·1	24th	294·4	..	- 0·5	13	-30
1242	East London	33 1	27 54	45·4	1010·4	1015·7	+ 2·8	297·1	304·1	8th	289·8	286·8	29th	293·4	..	- 0·7	50	
1259	Perth (Observatory)	31 57	115 51	60·0	1006·6	1013·6	+ 0·9	302·9	315·2	20th	290·2	285·3	9th	296·6	296·1	+ 0·4	1	- 1
1260	◊Katanning	33 42	117 35	310	979·2	1014·2	+ 0·8	305·0	316·8	30th	285·7	279·9	23rd	295·3	..	+ 0·6	0	- 1
1261	◊Coolgardie	30 57	121 10	423	965·0	1011·7	+ 0·4	308·9	319·1	31st	289·5	283·6	23rd	299·2	298·9	+ 1·1	0	-25
1262	Eucla	31 45	128 58	4·6	1014·4	1015·0	+ 1·7	299·2	316·3	8th	289·3	284·1	4th	294·2	293·5	- 0·1	0	- 7
1263	Streaky Bay	32 48	134 13	13·1	1013·7	1015·1	+ 1·7	302·2	316·9	7th	287·3	283·3	1st	294·7	293·9	- 0·4	1	- 2
1264	Adelaide	34 56	138 35	42·7	1010·1	1015·1	+ 2·1	302·2	315·3	9th	288·6	282·9	4th	295·4	294·8	- 0·8	1	- 4
1265	Melbourne	37 49	144 58	35·1	1010·8	1014·8	+ 1·9	298·7	312·3	23rd	285·9	281·3	17th	292·3	291·9	- 0·4	4	-22
1266	Bourke	30 13	145 58	110	999·7	1011·9	+ 0·9	308·6	314·1	18th	294·0	287·4	4th,5th	301·3	..	- 1·0	10	-25
1267	Sydney	33 51	151 13	42·1	1008·7	1013·6	+ 1·3	297·3	310·8	18th	290·9	288·0	4th,12th	294·1	293·9	- 1·0	116	+27
1268	Lord Howe Island	31 20	159 0	4·9	1013·1	1013·7	+ 0·4	297·6	301·3	19th,20th	291·7	285·6	11th	294·7	..	- 0·7	106	+42
1271	Auckland	36 51	174 48	13·4	..	1011·4	- 2·2	295·8	298·3	25th	288·7	286·0	9th	292·2	..	0·0	213	+14
1272	Napier	39 29	176 55	1·5	..	..	..	295·6	304·4	7th	285·1	281·6	6th	290·3	..	- 1·6	125	+27

JANUARY - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 52	176 42	45·7	..	1008·0	- 2·4	..	..	..	..	..	..	..	..	..	141	+46
1321	Isla Guafo	43 34	74 45	140	1002·4	1019·3	+ 3·4	286·7	290·0	30th	282·5	279·4	3rd	284·6	284·9	- 0·7	16	- 3
1322	◊Punta Galera	40 1	73 44	40	1013·2	1018·0	+ 1·9	289·0	292·0	1st	283·7	281·0	2nd	286·3	286·4	- 0·6	9	- 2
1323	Sarmiento	45 33	69 1	272	977·2	1008·7	+ 0·6	298·0	303·8	23rd	284·8	278·0	1st	291·4	290·6	- 0·4	0	- 2
1324	Puerto Madryn	‡‡42 46	W.‡‡65 2	14	1008·2	1009·8	+ 1·2	301·4	310·6	31st	284·8	279·8	2nd	293·1	293·7	+ 0·7	0	- 1
1365	Launceston	41 27	E.147 10	81·1	1002·9	1012·3	+ 1·3	297·1	305·8	23rd	283·2	278·3	19th	290·1	289·0	- 0·3	14	- 3
1366	Hobart	42 53	147 20	53·9	1004·5	1010·9	+ 0·8	293·7	307·2	9th	283·3	278·2	17th	288·5	287·4	- 1·2	25	- 5
1369	Invercargill	46 25	168 21	3·7	..	..	..	291·2	298·0	25th	282·0	278·6	16th,18th	286·6	..	- 0·6	99	- 2
1370	Alexandra	45 15	169 24	159	..	..	..	293·9	303·0	6th,23rd	282·1	275·5	2nd	288·0	287·9	..	83	- 2
1371	Dunedin	45 52	170 31	6·1	..	1006·4	- 4·6	290·9	303·0	23rd	281·8	277·4	1st	286·3	..	- 1·2	108	- 2
1371a	Christchurch	43 32	172 39	7·6	..	1007·2	- 3·4	292·1	301·7	3rd	283·4	278·3	22nd	287·8	..	- 1·6	129	- 2
1372	Wellington	41 16	174 46	128	..	1008·0	- 4·8	291·0	294·1	14th,28th	284·3	279·8	9th	287·7	286·9	+ 2·2	138	- 2

JANUARY - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	◊Islota de los Evangelistas	52 24	75 6	55	995·5	1002·2	- 0·4	282·5	284·6	22nd	278·1	274·4	4th	280·3	281·2	- 0·8	225	- 2
1422	Magallanes (Punta Arenas)	53 10	70 54	28	995·5	998·9	- 1·6	287·0	291·7	10th	280·0	275·3	7th	283·5	283·4	- 0·6	4	- 2
1423	Punta Dungeness	52 24	68 26	5	998·0	998·6	- 1·9	287·0	289·4	13th	..	..	..	..	283·4	..	15	+ 1
1424	Santa Cruz	50 1	68 31	13	1001·1	1002·7	- 1·1	293·4	302·0	13th	282·6	274·7	1st	288·0	287·6	- 0·2	24	- 2
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	996·9	- 2·7	286·7	292·4	31st	277·9	274·7	3,18,20	282·3	..	- 0·2	74	+ 1
1426	Cape Pembroke	51 41	57 42	21·3	993·9	996·5	- 3·2	284·3	287·4	11th	278·2	275·2	3rd	281·3	281·6	- 0·9	..	- 2
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	990·8	991·3	- 2·5	282·0	290·4	15th	275·4	272·0	5th,25th	278·7	278·8	+ 0·9	76	+ 1

JANUARY - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	‡‡60 43	‡‡44 47	7	988·2	989·1	- 2·2	274·9	278·8	25th	271·6	269·7	9th	273·2	273·2	0·0	32	-
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡‡Redetermined.
†Estimates not based on at least six equally spaced observations each day are in italics.
◊Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, FEBRUARY 1930

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF FEBRUARY, 1930 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. FEBRUARY - ZONE 1.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 58	178 33	6·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1014·9	- 4·7	245·5	266·3	27th	239·2	231·9	21st	242·3	..	- 2·9	0	- 5
125	Upernivik	72 47	56 7	19·2	998·8	1001·3	- 7·5	258·3	273·4	5th	252·2	240·5	23rd,24th	255·3	255·2	+ 5·1	14	+ 1
131	Myggbukta	73 30	21 30	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	1004·7	1006·9	..	262·8	278·1	16th	254·2	242·1	5th	258·5	259·0	..	..	..
135	Jan Mayen	70 59	W. 8 18	23·1	1003·9	1006·8	+ 3·7	..	276·2	17th	267·3	259·6	23rd	..	270·2	0·0	24	-20
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	999·6	1001·0	- 5·4	..	275·3	9th	256·2	240·3	7th	..	260·8	+ 6·9	75	+41
140	Björnöen	74 28	19 17	29·2	999·7	1003·5	- 1·5	..	276·1	9th	263·7	251·8	8th	..	267·6	+ 0·7	85	+45
141	Ingöy	71 4	24 6	4·3	1007·0	1007·5	- 0·1	..	278·8	21st	269·7	265·0	6th	..	272·3	+ 1·0	112	+57
142	Sletnes	71 5	28 14	10·2	1006·3	1007·6	+ 5·0	..	278·7	19th	267·7	262·0	4th	..	270·8	..	82	..
143	Vardö	70 22	31 5	11·8	1007·2	1008·7	+ 3·8	..	278·0	19th	266·7	261·5	6th	..	269·2	+ 2·1	34	-31
147	Malye Karmakouly	72 23	52 43	15·3	1008·8	1010·8	+ 2·5	..	..	..	..	..	..	..	254·3	- 3·3	25	+ 6
148	Waigatz	70 24	58 47	11·2	1009·9	1011·5	+ 0·7	..	..	..	..	..	..	..	250·2	- 5·2	4	- 2
153	Dickson	73 31	80 23	13·0	1011·8	1013·6	+ 0·5	..	..	..	..	..	..	..	241·6	- 5·3	1	- 4
162	Bouloune	70 45 N.	127 47 E.	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N. FEBRUARY - ZONE 2.

		N.	W.															
201	Preobrajenye	64 52	175 18	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	257·5	272·4	28th	250·0	243·6	20th	253·7	..	..	32	..
203	◊Nome	64 30	165 24	6·7	1010·8	1011·5	+ 1·1	256·5	272·4	27th,28th	246·7	235·8	10th	251·6	251·2	- 6·7	18	- 6
204	Bethel	60 45	161 47	11·6	..	1008·1	..	256·7	275·2	27th	247·5	238·6	21st	252·1	..	- 6·7	6	- 8
205	◊Tanana	65 10	152 6	69·5	1001·2	1010·5	- 2·2	247·4	266·9	28th	236·5	224·7	9th	241·9	241·7	-10·6	6	-13
206	Rampart	65 30	150 15	114	..	..	..	245·6	260·8	27th	238·9	224·1	8th	242·3	..	- 8·8	2	-16
207	Valdez	61 7	146 16	122	..	..	..	267·2	274·7	23rd,28th	259·3	247·4	14th	263·3	..	..	95	..
208	◊Eagle	64 45	141 12	248	977·7	1011·2	- 3·9	248·4	273·0	28th	237·2	219·1	11th	242·8	242·6	-10·0	10	+ 1
209	Dawson	64 4	139 29	324	967·3	1011·9	..	248·9	265·2	28th	239·9	224·1	15th	244·4	244·7	- 4·3	8	-10
210	Aklavik	68 14	134 50	7·6	1012·5	1013·6	..	..	259·7	28th	..	227·4	10th	..	‡241·3	..	13	..
211	◊Fort Good Hope	66 15	128 38	65·2	1010·1	1019·5	..	243·8	258·6	28th	235·9	219·7	16th	239·9	..	- 5·2	3	-10
212	Fort Simpson	61 52	121 35	129	996·5	1014·5	..	250·9	260·8	24th	242·8	227·4	13th,14th	246·9	247·1	- 1·8	65	+46
213	Hay River	60 51	115 57	161	992·1	1014·5	..	252·7	270·2	24th	240·6	225·8	13th	246·7	246·1	- 2·4	22	+ 8
225	Jacobshavn	69 13	51 2	31·6	987·8	991·9	-14·5	264·0	280·6	7th	257·2	245·8	22nd	260·6	261·0	+ 7·2	21	+14
226	Godthaab	64 10	51 43	20	..	..	..	267·4	276·8	7th	261·7	255·6	23rd	264·5	264·3	+ 1·4	15	-31
227	Ivigtut	61 12	48 10	30·0	991·4	995·2	- 5·5	269·8	279·9	6th	262·4	255·5	20th,25th	266·1	266·7	+ 1·1	74	+ 5
229	Angmagsalik	65 36	37 33	29·3	995·4	999·1	- 2·7	270·7	278·1	6th	263·5	254·7	21st	267·1	267·3	+ 3·4	92	+42
231	Styckisholm	65 5	22 46	25	..	1006·4	+ 5·6	277·0	282·5	28th	270·8	263·7	15th	273·9	273·9	+ 3·6	227	+162
232	Vestmanno	63 24	20 17	132	..	1010·2	+10·3	277·8	280·9	28th	273·6	266·5	15th	275·7	276·3	+ 2·7	160	+37
233	Grimsey	66 33	18 1	22	..	1007·6	+ 5·0	275·3	279·5	28th	..	..	..	..	273·6	+ 3·5	..	..
234	Teigarhorn	64 41	14 22	18	..	1011·4	+ 9·2	278·6	284·2	28th	272·5	264·6	6th	275·5	275·1	+ 3·3	89	-11
235	Højvig	62 3	6 45	22·9	1016·4	1019·2	+13·8	279·3	282·0	28th	275·2	270·0	15th	277·3	277·7	+ 1·4	76	-58
236	Lerwick	60 8	W. 1 11	18·0	..	1022·2	+14·9	278·7	281·9	12th	275·6	271·9	15th,16th	277·2	277·4	+ 0·7	40	-40
237	Bergen (Fredriksberg)	60 24	E. 5 19	44·4	1018·9	1024·5	+14·4	276·7	279·8	20th	272·5	268·0	8th	274·6	274·6	- 0·3	36	-97
238	Aalesund	62 28	6 10	6·3	1021·9	1022·7	+13·5	..	280·4	12th	273·4	268·9	6th	..	275·7	+ 0·6	48	-44
239	Trondheim	63 26	10 25	59·2	1014·6	1022·2	+14·0	274·0	280·1	14th	268·6	261·0	6th	271·3	272·0	+ 1·3	53	-15
240	Bodö	67 17	14 26	17·0	1014·5	1016·6	+11·0	..	279·0	28th	270·7	263·8	5th	..	273·2	+ 2·6	87	+18
241	Haparanda	65 50	24 9	9·2	1016·2	1017·4	+ 8·4	268·3	278·6	19th	260·0	247·3	6th	264·1	264·8	+ 3·5	11	-17
242	Helsingfors	60 10	24 57	11·7	1020·1	1021·5	+ 9·0	272·1	278·8	13th	266·6	252·7	10th	269·3	269·7	+ 3·4	21	-16
242a	Kuopio	62 55	27 40	233	990·0	1020·1	+ 7·5	267·7	276·1	14th	261·4	249·0	10th	264·5	265·0	+ 1·7	26	- 9
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Archangelsk	64 34	40 31	6·3	1015·5	1016·3	+ 5·4	..	..	..	..	..	..	..	..	..	..	..
246	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	261·3	+ 1·0	29	+11
247	Oust-Tsylma	65 25	52 18	? 68	1004·3	1013·5	+ 1·4	..	..	..	..	..	..	..	..	..	..	..
248	Tcherdyn	60 24	56 31	?208	..	..	..	..	..	..	..	..	..	..	252·2	- 5·3	15	0
249	Berezov	63 56	65 4	46	1009·5	1015·9	- 0·3	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	248·1	- 6·0	7	- 5
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	1010·2	1016·9	- 2·4	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	248·1	- 5·1	21	+ 9
254	Touroukhansk	65 47	87 57	45·0	1010·4	1016·8	- 3·6	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	242·2	- 7·0	7	- 3
262	Iakoutsk	62 1	129 43	108	1014·3	1030·1	+ 3·4	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk	67 33	133 24	100	1005·5	1020·5	- 1·7	..	..	..	..	..	..	..	236·4	- 1·2	5	0
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	229·1	+ 0·4	2	- 1
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	1019·8	1021·1	+ 4·0	..	..	..	..	..	..	..	244·6	- 6·7	2	- 4
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
◊Change of normals, see Table of Authorities, pages 105-15.

FEBRUARY - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
302	St. Paul Island	57 15	170 10	28·0	..	1011·2	+ 7·7	267·6	274·7	28th	263·5	256·9	15th	265·6	..	- 1·8	19	-27
303	♯Dutch Harbor (Radio)	53 55	166 30	4·0	1007·2	1007·8	+ 8·3	271·5	281·9	27th	266·6	261·3	16th	269·1	‡268·9	- 3·7	40	-117
304	Chernofski Harbor	54 27	166 42	?	..	..	..	272·6	279·1	6th,28th	267·6	261·9	11th	270·1	..	..	55	..
305	Dillingham	59 0	158 28	24·4	..	..	..	262·1	275·2	26th	254·1	245·2	21st	258·1	..	- 7·8	18	-21
306	♯Kodiak (Radio)	57 47	152 22	4·6	994·2	994·9	- 6·8	271·0	278·0	26th	264·4	256·3	24th	267·7	‡267·9	- 5·2	61	-47
309	Sitka	57 3	135 19	19·8	..	..	..	276·0	279·7	23rd,26th	270·9	260·8	12th	273·5	..	- 0·7	323	+158
310	Prince Rupert	54 18	130 18	51·8	999·0	1005·4	- 5·7	278·6	282·4	16th	273·7	269·1	13th	276·1	276·2	+ 1·0	236	+21
311	Prince George	53 50	122 48	570	939·7	1009·0	..	276·5	283·0	17th,22nd	266·6	246·3	14th	271·6	271·9	+ 5·7	27	0
312	Kamloops	50 41	120 29	385	968·7	1016·1	- 7·6	278·1	285·8	17th	270·1	258·6	14th	274·1	274·5	+ 3·9	19	+ 2
313	Calgary	51 2	114 2	1058	886·9	1012·0	- 7·8	276·6	289·7	17th	265·6	248·6	14th	271·1	270·9	+ 7·3	8	- 6
314	Fort Smith	60 0	111 52	183	987·1	1012·1	..	254·7	265·8	25th	245·9	230·2	13th	250·3	250·3	- 0·1	21	+ 5
315	♯Prince Albert	53 10	105 38	437	958·2	1014·5	- 7·7	265·9	281·3	19th	254·8	233·0	14th	260·4	260·3	+ 4·8	13	- 3
316	Qu'Appelle	50 30	103 47	651	933·3	1014·9	- 8·3	268·5	281·3	19th	260·1	239·7	14th	264·3	263·9	+ 7·9	12	- 8
317	♯Minnedosa	50 15	99 50	515	948·8	1014·5	- 7·7	266·6	279·1	20th	256·8	238·6	14th	261·7	261·4	+ 5·5	30	+15
318	♯Berens River	52 18	97 23	216	..	..	..	262·7	283·0	22nd	246·6	231·3	15th	254·7	..	+ 1·9	29	
319	Pagwa	50 3	85 18	189	..	..	..	266·1	285·2	21st	247·2	233·0	4th	256·7	..	+ 0·9	20	-18
320	Moose Factory	51 14	80 30	9·1	1011·0	1012·2	..	..	..	..	..	..	..	254·2	‡252·7	+ 0·3	..	..
321	Fort George	53 50	73 ±	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	261·6	278·0	23rd	246·7	229·7	3rd	254·2	..	+ 0·3	19	-24
323	Natashquan	50 8	61 48	6·1	..	..	..	265·6	275·2	15th	252·7	245·8	1st	259·2	..	+ 0·8	67	+ 9
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††57 36	††17 18	§(37)	..	..	..	..	..	Sea Temp. 281·9	+0·6	..	..	..	281·0	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1018·5	1020·2	+ 7·5	279·7	281·9	20th	274·8	272·1	8th	277·3	277·4	- 2·6	30	-24
335	Aberdeen	57 10	W. 2 6	26·0	1020·1	1023·4	+13·4	277·6	281·9	28th	272·8	268·6	18th	275·2	275·2	- 1·5	29	-17
336	Greenwich	51 28	0 0	46·3	..	1019·0	+ 3·1	278·9	284·1	27th	274·2	272·4	9,17,25	276·6	276·3	- 1·0	23	
337	Uccle	50 48	E. 4 22	100	1005·5	1018·0	+ 1·4	278·8	286·7	27th	272·4	268·1	22nd	275·6	275·1	- 0·5	30	-21
338	De Bilt	52 6	5 11	3·0	1018·9	1019·3	+ 3·1	278·6	284·0	27th	271·1	267·5	9th	274·9	274·6	- 0·2	16	-37
338a	Hamburg	53 33	9 58	40·3	1017·0	1022·1	+ 6·4	276·0	279·5	20th	271·5	267·5	8th	273·7	273·5	- 2·1	10	-19
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1022·6	1023·2	+ 9·5	275·3	279·6	19th	271·0	265·4	8th	273·1	273·2	- 0·7	15	-28
340	Potsdam	52 23	13 4	84·9	1010·5	1021·3	+ 5·2	276·0	282·8	27th	270·1	265·8	10th	273·1	272·8	+ 0·4	5	-13
340a	Uppsala	59 51	17 38	24	1019·5	1022·5	+10·1	273·3	278·5	18th	267·3	257·7	7th	270·3	270·3	- 3·2	17	..
341	Warsaw	52 13	21 3	88·3	1011·8	1023·1	+ 5·1	276·5	282·8	27th,28th	269·9	264·8	8th	273·2	272·4	+ 4·2	4	0
342	Tartu (Ülikooli)	58 23	26 43	80·8	1011·8	1022·3	+ 8·2	269·6	276·7	13th	264·1	248·6	10th	266·9	267·1	+ 0·7	27	
343	Leningrad	59 56	30 16	4·8	1020·3	1020·9	+ 6·8	..	..	..	..	..	..	..	266·4	+ 1·4	16	- 7
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	1001·2	1022·8	+ 4·2	..	..	..	..	..	..	..	..	..	..	-13
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	262·1	- 1·8	12	
346	Kazan	55 47	49 8	80·6	1014·4	1021·1	0·0	262·3	273·0	15th	254·1	235·9	11th	258·2	258·5	- 3·0	27	+ 9
347	Orenburg	51 45	55 6	109	1008·6	1023·3	- 1·9	..	..	..	..	..	..	..	256·7	- 2·3	8	-10
348	Perm	58 1	56 16	163	996·8	1018·6	- 2·0	..	..	..	..	..	..	..	256·2	- 3·5	41	+12
349	Sverdlovsk	56 50	60 38	281	980·6	1017·8	- 3·5	..	..	..	..	..	..	..	256·9	- 3·0	16	+ 8
350	Tobolsk	58 12	68 14	108	1003·8	1018·5	- 4·0	..	..	..	..	..	..	..	256·9	- 3·0	16	+ 4
351	Akmolinsk	51 12	71 23	347	977·4	1024·0	- 5·4	..	..	..	..	..	..	..	254·1	- 2·8	17	+ 4
352	Omsk	55 1	73 19	108	1005·8	1020·6	- 4·6	..	..	..	..	..	..	..	253·5	- 2·9	108	+95
353	Barnaoul	53 20	83 47	158	1003·6	1024·9	- 5·0	..	..	..	..	..	..	..	252·4	- 2·9	8	- 2
354	Tomsk	56 30	84 58	123	1003·9	1020·4	- 6·5	..	..	..	..	..	..	..	256·0	- 0·6	25	+50
355	Minousinsk	53 43	91 41	249	992·2	1025·3	- 5·9	..	..	..	..	..	..	..	254·8	- 1·6	51	+29
356	Kniseisk	58 27	92 10	81·2	1010·2	1021·4	- 5·1	..	..	..	..	..	..	..	257·9	+ 2·9	7	+ 2
357	Irkutsk	52 16	104 19	467	964·0	1025·7	- 6·0	..	..	..	..	..	..	..	252·2	- 2·6	13	- 2
358	Kirensk	57 47	108 7	278	986·6	1024·7	- 4·9	..	..	..	..	..	..	..	255·6	+ 0·9	11	+ 1
359	Tchita	52 2	113 30	685	936·7	1026·7	- 3·8	..	..	..	..	..	..	..	249·6	- 0·9	1	-13
360	Nertchinskii Zavod	51 19	119 37	621	945·6	1028·2	- 1·9	..	..	..	..	..	..	..	253·2	+ 2·0	9	+ 7
															251·0	+ 2·2	8	+ 6
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	1007·4	1026·9	+ 4·0	..	..	..	..	..	..	..	252·2	- 2·7	10	+ 7
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1018·6	1024·4	+ 7·2	..	..	..	..	..	..	..	253·5	+ 0·8	5	- 7
366	Okhotsk	59 21	143 17	5·5	1023·0	1023·8	+ 7·4	..	..	..	..	..	..	..	250·7	- 1·0	4	+ 2
368	Petropavlovsk (Phare)	52 53	158 43	87·1	1004·0	1015·2	+10·6	..	..	..	..	..	..	..	256·5	+ 3·6	160	+104
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§ Number of observations.
♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

FEBRUARY - ZONE 4.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
411	Victoria, B.C.	48 24	123 19	70·1	1005·6	1014·3	- 2·1	281·2	285·2	17th	276·0	273·0	9th,12th	278·6	278·5	+ 0·9	131	+48
412	Portland, Oregon	45 32	122 41	46·6	1011·7	1017·3	- 1·2	284·7	290·2	17th	277·2	272·4	28th	280·9	281·0	+ 2·6	128	-12
413	Macleod	49 44	113 24	953	..	..	..	278·6	288·6	19th	268·7	246·9	14th	273·7	273·7	+ 8·0	8	-10
414	Helena	46 34	112 4	1253	871·1	1015·2	- 1·5	279·4	290·8	18th	270·9	261·3	28th	275·1	275·3	+ 7·3	6	-10
414a	Salt Lake City	40 46	111 54	1329	868·9	1018·9	+ 0·7	281·8	291·3	18th	272·9	268·0	4th	277·4	277·8	+ 3·8	55	+18
415	Cheyenne	41 8	104 48	1856	810·1	1015·6	+ 0·8	279·8	289·1	18th	269·0	259·7	28th	274·4	274·8	+ 4·5	26	+12
416	North Platte	41 8	100 45	860	914·5	1015·2	- 2·8	284·8	296·3	20th	270·4	263·6	1st	277·6	276·8	+ 8·0	6	- 7
416a	Bismarck	46 47	100 38	510	951·2	1013·5	- 6·0	273·9	286·9	18th	263·5	249·1	14th	268·7	268·8	+ 8·4	35	+23
417	Winnipeg	49 53	97 7	232	984·4	1014·6	..	265·7	279·1	20th	258·3	239·1	14th	262·0	261·7	+ 6·7	39	+20
418	Duluth	46 47	92 6	345	971·0	1013·9	- 4·7	269·9	283·6	19th	261·3	241·3	15th	265·6	265·7	+ 4·2	54	+28
419	♯Port Arthur	48 27	89 12	196	989·7	1015·0	- 4·1	269·1	283·0	19th	259·7	243·0	15th	264·4	264·3	+ 5·1	22	+ 4
420	Chicago	41 47	87 35	205	991·1	1016·2	- 2·4	279·6	292·4	21st	272·1	255·8	15th	275·8	275·7	+ 5·6	36	-17
421	Toronto	43 40	79 24	116	1003·2	1018·0	- 0·2	274·2	285·8	23rd	266·1	251·9	6th	270·1	269·9	+ 3·2	58	- 2
422	♯New York (Central Park)	40 47	73 58	47·4	1013·0	1019·0	+ 1·3	280·2	296·9	25th	271·4	259·1	17th	275·8	275·7	+ 3·3	82	-11
423	♯St. John, N.B.	45 17	66 4	36·3	1011·4	1016·1	..	271·8	279·1	13th	261·7	250·8	17th	266·7	266·7	+ 0·5	115	+16
424	S.W.Point, Anticosti	49 24	63 33	9·1	1010·8	1012·0	..	264·6	274·7	24th	256·9	249·7	4th,5th	260·7	261·2	- 1·6	45	- 1
424a	Sable Island (Main Station)	43 57	60 6	7·6	1014·5	1015·5	..	274·5	279·7	3rd	267·9	261·9	17th	271·2	271·1	+ 0·2	108	-11
425	Fort aux Basques	47 35	59 10	9·1	1011·0	1012·2	+ 1·4	268·6	276·3	14th,24th	260·4	253·0	6th	264·5	264·4	- 0·3	104	+15
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	938·2	1018·3	- 2·0	280·8	287·5	3rd	272·9	268·5	19th	276·9	276·0	- 2·2	17	-28
436	Nantes	47 15	W. 1 34	36·5	1010·4	1014·9	- 3·2	280·2	284·9	3rd	274·6	270·5	24th	277·4	276·9	- 1·5	49	- 9
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1010·5	1016·8	- 1·1	279·5	286·1	28th	273·1	268·5	24th	276·3	276·0	- 1·1	20	-13
438	Marseille	43 18	5 23	75	..	1013·0	- 3·6	284·0	287·4	28th	276·4	271·5	8th	280·2	279·6	- 1·3	117	+80
438a	Zürich	47 23	8 33	493	957·1	1017·5	- 2·7	277·3	285·8	27th	270·1	264·6	10th	273·7	273·4	- 0·4	18	-37
439	Rome	41 54	12 29	45·5	1009·1	1014·4	- 1·8	285·0	288·0	5th	278·2	274·4	25th	281·6	281·3	+ 3·1	79	+11
440	Vienna	48 15	16 22	203	995·5	1021·0	+ 2·1	275·1	280·1	5th	270·0	262·2	10th	272·6	272·5	+ 1·0	46	+13
440a	Budapest	47 31	19 1	130	1004·6	1021·0	+ 1·8	278·0	283·6	4th	271·3	263·4	9th	274·7	274·4	+ 0·9	79	+49
441	Sofia	42 42	23 20	550	954·0	1021·5	+ 1·2	277·4	287·0	7th	270·0	265·5	11th	273·7	273·2	0·0	13	-18
442	Bucharest	44 25	26 6	82	1012·1	1022·5	+ 2·7	278·5	291·8	7th	270·1	265·6	21st	274·3	273·7	+ 1·5	9	-19
443	Odessa (Observatory)	46 26	30 46	42·8	1017·5	1022·9	+ 3·2	275·6	282·9	8th	269·1	257·7	11th	272·3	272·3	+ 1·0	15	- 6
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1016·0	1020·7	+ 2·5	..	..	..	..	..	..	..	274·8	- 1·3	9	-59
445	Tiflis	41 43	44 48	404	973·2	1023·1	+ 1·5	278·0	286·4	3rd	270·6	263·1	12th	274·3	274·2	- 1·3	32	+13
446	Astrakhan	46 21	48 2	-20	1027·1	1024·6	+ 1·7	..	..	..	..	..	..	..	255·1	- 2·8	19	+10
447	Fort Alexandrovsk	44 31	50 7	-23·0	1026·4	1023·5	+ 1·4	..	..	..	..	..	..	..	257·8	- 2·6	4	- 3
448	Krasnovodsk	40 0	52 59	-4·6	1023·9	1023·3	+ 2·4	..	..	..	..	..	..	..	273·6	- 3·5	19	+ 6
449	Kasalinsk	45 46	62 8	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
450	Tashkent	41 20	69 18	479	964·6	1023·8	- 0·7	277·6	285·7	11th	266·5	255·6	9th	272·0	271·7	- 2·6	110	+76
451	Andijan	40 47	72 23	503	963·6	1026·2	..	275·6	283·7	22nd	268·0	257·8	1st	271·8	271·3	..	63	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	257·1	..	39	..
461	Moukden	41 46	123 24	44·3	1019·7	1025·5	+ 0·1	272·0	280·9	20th	261·7	252·8	10th	266·9	266·6	+ 2·8	2	- 5
462	Joshin	40 40	129 12	31·9	1019·6	1023·7	+ 3·0	275·1	281·8	20th,25th	267·0	259·0	17th	271·1	270·8	+ 2·1	13	- 2
463	Tuki	42 20	130 24	63·8	1016·4	1024·7	+ 3·6	270·5	277·5	25th	263·9	258·0	11th	267·2	267·0	+ 0·6	22	+13
464	Vladivostok	43 7	131 54	128	1007·2	1024·1	+ 2·3	..	..	..	..	..	..	..	252·4	- 0·6	22	+13
465	Ochiai	47 20	142 47	27·4	1017·3	1020·9	+ 7·1	267·7	275·1	28th	258·9	246·8	19th	263·3	263·7	+ 4·2	30	0
466	Nemuro	43 20	145 35	26·7	1013·5	1016·9	+ 4·2	272·0	276·0	23rd	264·7	256·7	19th	268·3	268·6	+ 1·1	37	+12
466a	Syana	45 14	147 53	39·3	1010·8	1015·9	+ 4·5	272·4	276·6	17th	266·5	256·2	20th	269·5	269·5	+ 3·5	90	+36
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

FEBRUARY - ZONE 5 (AMERICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
508	35°-30°N. 145°-140°W.	††31 38	††142 7	§(32)	..	1020·0	- 2·7	..	..	Sea Temp. 291·9	+2·2	..	..	..	..	..	..	..
511	San Francisco	37 48	122 26	47·2	1013·3	1018·9	- 0·1	290·4	298·6	14th	282·8	279·1	27th	286·6	286·3	+ 2·8	75	-17
512	Sacramento	38 35	121 30	21·0	1016·5	1018·9	+ 0·2	290·1	297·4	14th	279·9	274·1	27th	285·0	285·2	+ 1·9	41	-31
513	San Diego	32 43	117 10	26·5	1014·6	1017·9	0·0	291·4	301·9	17th	283·3	279·7	28th	287·4	287·1	+ 1·7	17	-30
514	Modena	37 48	113 54	1668	834·3	1017·6	+ 1·0	282·7	290·2	17th	268·1	256·3	28th	275·4	275·4	+ 2·6	14	-12
515	Santa Fé	35 41	105 57	2138	786·5	1016·6	+ 1·8	283·1	289·1	18th	270·3	262·4	4th	276·7	276·2	+ 3·6	12	-10
516	Denver	39 45	105 0	1613	835·1	1014·5	+ 0·4	285·2	294·7	18th	272·2	265·8	15th	278·7	278·7	+ 5·9	4	- 9
517	Abilene	32 23	99 40	530	954·6	1015·9	- 1·8	295·0	303·6	23rd	279·3	271·3	10th	287·2	285·2	+ 6·1	2	-21
518	Saint Louis	38 38	90 12	173	996·8	1017·6	- 1·8	285·0	299·7	24th	275·8	261·9	16th	280·4	280·1	+ 6·5	60	- 5
519	Mobile	30 41	88 2	17·4	1018·4	1020·3	+ 0·7	292·6	297·4	26th	282·7	273·6	16th	287·7	287·1	+ 2·8	49	-84
520	Nashville	36 10	86 47	166	1000·7	1021·0	+ 0·6	287·9	296·3	25th	277·3	266·9	16th	282·6	282·9	+ 4·7	93	-13
521	Charleston	32 47	79 56	14·6	1019·6	1021·3	+ 1·4	290·7	300·2	24th	281·7	274·1	17th	286·2	285·7	+ 2·5	21	-63
522	Washington	38 54	77 3	34·1	1015·7	1020·0	+ 0·5	283·9	301·9	25th	273·1	259·1	16th	278·5	278·3	+ 4·0	42	-39
524	Bermuda	32 17	64 46	38·1	1015·3	1020·8	..	293·6	296·3	16th,26th	287·7	284·7	10,17,28	290·7	290·2	+ 0·3	189	+70
		N. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§ Number of observations.
♯Change of normals, see Table of Authorities, pages 105-15.

FEBRUARY - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1014·4	1019·1	- 1·6	289·5	292·5	1st	285·1	283·0	4th	287·3	287·3	+ 0·7	117	-57
531	Horta	38 32	28 38	65	1012·5	1020·3	- 0·8	289·3	291·8	28th	285·2	283·3	7th	287·3	287·0	- 0·2	77	-19
532	Ponta Delgada	37 44	25 40	22	1018·8	1021·4	+ 1·0	288·7	290·9	23rd	285·2	281·7	19th	286·9	287·0	- 0·1	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	63	-40
533	Madeira (Funchal)	32 38	16 55	25	1018·5	1021·5	+ 0·7	290·9	293·7	2nd	286·0	284·5	11th	288·5	288·5	+ 0·4	17	-74
535	Lisbon	38 43	9 9	95	1007·3	1018·9	- 0·7	286·0	289·0	3rd	279·8	275·5	9th	282·9	282·6	- 1·6	38	-51
535a	♁Melilla	35 17	2 59	40	1013·0	1017·9	- 2·3	288·1	292·1	4th	282·4	279·7	9th	285·3	285·3	- 0·3	70	+16
536	Gibraltar	36 6	5 21	27·4	..	1018·0	- 2·0	288·9	293·6	3rd	280·8	277·4	9th,20th	284·8	283·9	- 1·4	166	+51
536a	Colomb-Béchar	31 37	W. 2 13	769	926·9	1015·5	- 3·1	291·7	295·4	1st,5th	274·9	271·8	21st	283·3	283·2	- 0·6	0	- 6
537	Palma	39 34	E. 2 39	23	1011·5	1014·3	- 4·4	286·5	292·6	3rd	275·5	271·6	19th	281·0	280·7	- 3·4	88	+53
538	Algiers (University)	36 46	3 13	59	1008·7	1015·9	- 2·2	287·3	292·0	3rd	281·3	277·6	19th	284·3	284·0	- 1·7	95	+15
538a	Gadames	30 8	9 30	351	..	..	..	294·0	301·3	9th	280·8	276·4	22nd	287·4	..	+ 1·3	5	- 2
539	Tunis	36 48	10 10	66	1006·7	1014·7	- 1·8	287·5	294·0	27th	279·5	275·2	19th	283·5	283·2	- 0·6	58	+ 7
540	Malta	35 54	14 31	71·2	..	1014·3	- 1·5	287·6	290·8	6th	283·0	280·2	19th,22nd	285·3	284·8	- 0·6	132	+76
541	Athens	37 58	23 43	107	1004·1	1017·2	+ 0·1	285·0	290·9	7th	279·2	274·9	28th	282·1	282·0	- 0·1	128	+89
542	Alexandria	31 12	29 53	32·0	1013·2	1017·1	+ 0·2	291·9	295·5	21st	283·8	280·0	14th	287·8	287·5	0·0	21	- 2
543	Ankara (Angora)	39 58	32 48	861	916·9	1019·3	+ 0·4	280·1	285·3	4th,7th	269·5	261·5	12th	274·8	274·6	..	13	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1015·4	+ 0·3	288·5	291·3	6th	279·5	276·3	16th	284·0	..	+ 0·9	81	+15
544	Beirut	33 54	35 28	33·7	..	1015·5	- 0·9	290·2	294·6	22nd	284·3	281·4	15th	287·2	287·1	+ 0·5	158	+ 9
545	Hinaidi	33 17	44 29	32·9	1012·2	1016·2	- 3·1	291·4	296·8	22nd	280·7	276·8	2nd	286·1	285·8	+ 2·0	20	- 9
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	870·3	1008·9	..	283·2	290·2	22nd	273·1	267·4	7,8,9	278·1	278·0	+ 0·2	38	+ 8
548	Meshed	36 17	59 36	946	..	..	..	279·4	289·8	24th	..	..	..	..	..	..	19	- 6
549	Seistan	31 2	61 30	9610	961·2	..	..	290·8	300·4	24th	276·7	267·7	9th	283·7	..	+ 0·5	1	-10
550	Quetta	30 10	67 1	1647	837·4	..	+ 1·0	287·1	294·7	26th	272·3	264·1	10th	279·7	279·6	+ 1·1	21	-28
551	Peshawar	34 1	71 35	335	977·0	1019·4	+ 0·3	293·2	299·1	16th,17th	280·6	275·2	7th,10th	286·9	286·3	+ 1·6	23	-12
551a	Lahore	31 35	74 20	314	991·5	1017·3	+ 0·6	295·3	301·9	27th	282·2	276·9	7,10,11	288·7	288·1	+ 1·1	5	-19
552	Simla	31 6	77 10	2202	782·2	..	+ 1·9	282·2	288·0	17th,19th	276·1	269·1	2nd	279·1	279·0	+ 0·4	42	-37
552a	Leh	34 9	77 34	3503	665·9	..	+ 2·3	..	..	..	258·4	250·2	7th	..	..	..	11	+ 4
558	Sian	34 31	109 5	365	973·8	1018·8	..	277·8	288·6	23rd	272·7	259·5	1st	275·2	274·6	..	15	..
559	Hankow	30 35	114 17	37·0	..	1023·8	- 1·8	285·4	294·7	21st	277·4	272·2	11th	281·4	280·9	+ 2·3	49	+ 2
560	Tientsin	39 9	117 9	6·4	..	1025·4	- 1·2	277·8	287·6	20th	268·0	263·0	9th	272·9	272·7	+ 1·4	12	+ 9
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1022·5	1023·3	- 1·7	284·4	298·7	23rd	275·5	268·0	12th	279·9	279·1	+ 2·0	32	-28
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1014·6	1023·5	+ 0·5	277·8	285·0	22nd	269·7	263·3	11th	273·8	273·4	+ 2·2	52	+35
562a	Nagasaki	32 44	129 52	133	1004·1	1020·4	- 0·3	284·9	291·9	22nd	277·5	272·1	13th	281·2	280·9	+ 2·0	142	+54
563	Kyoto	35 1	135 44	42·9	1014·3	1019·7	+ 1·0	282·8	294·0	24th	273·9	268·9	18th	278·3	277·8	+ 1·8	100	+38
564	Tokyo	35 41	139 46	5·8	1016·4	1017·1	+ 1·0	282·6	297·9	24th	274·5	270·2	12th	278·5	278·4	+ 1·6	108	+37
565	Hukusima	37 45	140 28	68·5	1009·7	1018·3	+ 2·1	279·8	290·8	24th	271·5	266·4	1st	275·7	275·4	+ 1·5	45	- 9
566	Miyako	39 38	141 59	30·4	1013·1	1016·9	+ 2·0	279·0	286·8	23rd	270·4	264·3	12th	274·7	274·1	+ 1·4	58	- 9
		N.	E.															

FEBRUARY - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N.	W.															
601	♁Midway Island	28 13	177 22	5·8	1012·5	1013·2	..	295·6	298·6	13th	287·5	284·7	21st	291·6	291·1	+ 0·4	49	-36
605	Honolulu	21 19	157 52	11·6	1016·0	1017·3	+ 0·8	298·4	300·2	25th	292·7	291·3	7th	295·6	295·3	+ 1·0	31	-66
613	Guaymas	27 55	110 53	8·3	1014·1	1015·1	..	299·2	304·5	18th	287·6	284·8	9th,27th	293·4	293·4	+ 1·1	0	..
615	Leon	21 7	101 41	1809	821·2	1012·4	- 0·6	297·8	301·0	21st	280·4	272·6	6th	289·1	288·5	- 0·2	0	- 8
616	Monterry	25 40	100 18	528	954·6	1014·8	- 1·6	298·2	306·5	24th	286·2	280·1	17th	292·2	291·7	+ 2·5	8	-12
617	Tulancingo	20 5	98 22	2181	789·2	..	- 1·0	296·0	300·0	14th	277·6	271·3	7th	286·8	285·3	- 0·6	36	+25
618	Galveston	29 18	94 50	16·5	1017·1	1019·3	0·0	291·3	296·3	13th	285·8	277·4	16th	288·6	288·2	+ 2·4	70	- 1
618a	New Orleans	29 57	90 4	16·2	1018·1	1020·0	+ 1·0	293·9	299·1	13th	284·9	274·7	16th	289·4	289·0	+ 2·4	76	-29
619	Merida, Yucatan	20 58	89 38	22	1013·9	1016·5	- 0·5	301·1	305·4	28th	291·5	288·4	1st,7th	296·3	295·8	+ 0·3	13	- 7
620	Havana	23 7	82 25	77·0	1008·3	1017·2	- 1·1	299·5	301·8	6th	291·4	288·6	9th	295·5	295·0	..	69	..
620a	Key West	24 33	81 48	6·7	1017·7	1018·3	- 0·2	298·2	301·3	5th	292·4	288·6	1st	295·3	294·7	+ 0·9	73	+25
621	Nassau, Bahamas	25 5	77 20	9·6	..	1018·5	- 0·1	298·0	301·3	4,6,7	292·2	290·2	2nd	295·1	295·0	- 0·1	56	+13
622	San Salvador (Watling Island)	24 6	74 26	33·5	1015·3	1019·2	+ 0·2	..	299·7	7,13,16	..	294·1	14th,20th	..	296·7	- 0·2	..	..
633	Port Etienne	20 56	17 3	4	1013·5	1014·0	..	297·1	302·0	15th	285·5	283·3	8th	291·3	288·8	..	0	0
634a	♁Isaña	28 19	16 30	2367	766·4	..	- 0·9	280·8	284·3	3rd,17th	274·4	270·8	13th	277·6	277·2	+ 1·1	75	+11
634	La Laguna	28 28	16 20	547	953·7	1017·7	- 2·2	289·3	291·9	27th	282·2	277·8	14th	285·8	285·2	+ 0·3	168	+85
636	Adrar	27 52	W. 0 17	7285	..	..	..	..	..	..	..	..	..	..	..	..	0	..
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	2350	864·5	1010·8	..	298·0	304·2	13th	281·2	275·2	2nd	289·6	289·6	..	0	..
639	Sebha	27 1	14 27	424	..	..	..	..	..	..	..	..	..	..	..	..	..	..
640	Hon	29 8	15 56	263	..	..	..	293·2	295·7	19th	276·8	275·4	5th	285·0	..	..	..	..
641	Giarabub	29 45	24 31	49	..	..	..	295·7	301·1	12th	283·4	281·0	2nd	289·5	..	..	0	..
642	Siwa	29 12	25 29	-23	1020·0	1017·3	- 1·0	294·5	301·4	11th	278·0	274·4	2nd	286·2	285·2	+ 0·3	0	0
643	Cairo (Helwan)	29 52	31 20	116	1003·6	1017·5	0·0	292·9	297·3	10th	281·6	278·4	15th	287·2	287·0	- 0·1	1	- 7
643a	Aswan	24 2	32 53	100	1004·6	1016·3	- 0·2	299·1	306·0	8th,12th	282·8	278·0	16th	291·0	290·0	- 0·1	..	..
644	Tor	28 14	33 37	1·9	1015·4	1015·6	- 0·3	294·4	303·3	12th	282·9	279·5	17th	288·6	288·4	+ 0·2	5	+ 3
		N.	E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♁Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

FEBRUARY - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1016·9	1017·6	..	293·7	301·8	23rd	285·8	281·8	1st	289·7	289·4	+ 1·7	14	-34
648	Jask	25 45	57 45	4·0	1016·1	1016·6	..	297·5	302·4	24th	290·4	285·1	1st	293·9	293·6	+ 0·7	0	-22
649	Karachi	24 48	66 59	4·0	1016·6	1017·0	+ 0·6	298·1	305·2	17th	288·6	284·1	1,3,10	293·3	293·0	- 0·5	0	-10
650	Jacobabad	28 17	68 29	56·7	1009·8	1016·4	+ 0·1	300·3	305·8	16th,22nd	282·9	274·7	10th	291·6	291·2	+ 1·4	0	- 8
651	Jaipur	26 55	75 50	436	967·2	1018·0	+ 1·3	299·6	305·8	23rd,28th	283·6	277·4	11th	291·6	292·2	+ 0·3	1	- 7
652	Nagpur	21 9	79 7	310	981·1	1017·0	+ 1·7	303·8	310·2	28th	285·9	280·8	4th,12th	294·9	294·7	- 1·4	1	-15
653	Allahabad	25 26	81 50	94·2	1005·8	1017·0	+ 1·3	299·6	307·4	28th	284·0	279·7	8th,9th	291·8	292·2	+ 0·1	25	+10
653a	Darjeeling	27 3	88 16	2265	777·4	..	+ 1·9	283·1	289·2	26th	276·1	271·7	5th	279·6	279·5	+ 1·1	38	+10
654	Calcutta	22 32	88 20	6·4	1015·3	1016·1	+ 1·1	301·5	306·9	28th	289·3	283·6	9th	295·4	295·1	+ 0·8	20	- 8
655	Gauhati	26 11	91 45	59·7	1010·5	1017·4	+ 1·3	299·1	302·5	21st	284·9	280·4	7th	292·0	291·1	+ 0·4	31	0
655a	Cherrapunji	25 15	91 44	1313	870·6	..	+ 0·7	290·4	293·6	28th	282·9	279·0	7th	286·7	286·0	+ 1·0	51	-19
656	Akyab	20 8	92 55	6·1	1014·5	1015·2	+ 1·0	301·9	305·7	26th	288·9	284·8	10th	295·4	295·2	- 0·3	3	- 1
656a	Mandalay	21 59	96 6	76·2	1006·4	1015·3	+ 1·1	304·7	308·4	25th	289·0	284·2	7th	296·9	296·2	0·0	6	+ 4
657	Tengyueh	25 0	98 40	1634	836·1	1014·7	..	290·1	294·7	28th	275·9	273·6	9,10,13	283·0	282·4	+ 0·4	..	..
658	Phu Lien	20 48	106 38	116	..	1017·9	+ 1·2	293·6	302·9	26th	287·2	282·9	13th	290·4	289·6	0·0	39	- 2
659	Moncay	21 31	107 58	9·0	..	1018·1	+ 0·8	292·9	300·5	25th	285·2	279·2	7th	289·1	288·4	0·0	86	+20
660	Hongkong	22 18	114 10	33·2	..	1019·1	+ 0·5	291·3	298·6	27th	286·6	281·1	8th	288·9	288·7	+ 0·8	35	-11
661	Amoy	24 26	118 4	4·9	1021·4	1022·0	+ 0·7	289·4	298·0	24th	283·8	279·7	9th	286·6	286·0	- 0·4	96	+19
661a	Taihoku, Formosa	25 2	121 31	9·3	1019·5	1020·6	+ 0·6	294·1	303·2	26th	285·3	279·3	15th	289·7	289·1	+ 1·3	155	+23
662	Basco	20 28	121 59	18·7	..	1016·3	+ 1·3	298·5	302·8	26th	293·4	290·9	12th	295·9	295·7	+ 0·2	67	-51
664	Naha	26 12	127 39	29·5	1015·9	1019·4	+ 0·7	292·7	297·5	27th	287·8	283·4	11th,13th	290·3	290·2	+ 1·2	117	-23
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1015·5	1016·0	- 0·8	293·6	297·0	27th	287·3	283·7	20th	290·5	290·5	+ 0·1	171	+87
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

FEBRUARY - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N.	W.															
715	Colima	19 12	103 45	498	958·2	1014·5	+ 1·6	304·9	307·0	27th	287·8	284·3	5th,6th	296·3	294·5	- 1·2	6	+ 5
716	Morelia	19 42	101 7	1923	809·5	1011·6	- 0·6	294·5	297·4	28th	280·4	274·8	7th	287·5	287·6	- 0·6	16	+10
717	Mexico, Tacubaya	19 24	99 12	2309	774·5	..	- 0·4	296·2	299·4	14th	277·1	272·8	10th	286·7	286·0	- 0·5	1	- 7
718	Salina Cruz	16 12	95 12	56	1006·2	1012·7	- 0·9	301·3	305·6	26th	293·0	290·2	7th,8th	297·1	297·2	- 0·4	0	- 7
719	San Salvador	13 42	89 13	682	938·2	1014·0	+ 0·6	306·7	308·4	10,11,12	288·9	285·6	10th	297·8	295·6	+ 0·1	7	0
720	Belize	17 31	88 11	5·2	1016·2	1016·8	+ 1·0	300·6	302·4	7th	294·6	289·7	19th	297·6	297·2	- 0·4	69	+ 7
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1015·2	- 0·3	302·0	303·8	27th	292·7	289·9	28th	297·3	297·1	- 0·3	67	+20
722	Port au Prince	18 33	72 20	37·4	1011·3	1015·6	- 0·6	302·6	305·0	7th	292·3	290·5	8th	297·5	297·5	- 0·4	151	+87
723	Caracas	10 30	66 56	1043	898·7	1014·1	..	298·1	302·0	16th	286·3	283·9	11th	292·2	289·8	- 1·5	5	- 4
724	San Juan, Porto Rico	18 29	66 7	25·0	1013·2	1016·2	- 1·0	299·8	303·6	18th	293·4	291·9	3rd	296·6	296·4	- 0·2	60	- 4
724a	Grenada (Richmond Hill)	12 5	61 46	188	993·0	1014·3	+ 0·2	303·3	304·7	20th	295·6	294·1	15th	299·5	299·1	+ 1·4	24	-47
725	Barbados	13 8	59 36	57·9	..	1015·1	+ 0·1	301·3	302·2	20th	293·8	291·9	23rd,25th	297·6	297·4	- 0·2	22	-32
731	São Vicente, C. Verde Is.	16 54	25 4	11	1013·6	1014·9	- 0·3	296·0	298·3	21st	292·5	291·5	10th	294·3	294·3	0·0	0	- 5
732	San Tiago, C. Verde Is.	14 54	23 31	34	1010·9	1014·9	- 0·1	297·4	299·4	15th	292·6	290·6	11th	295·0	294·9	- 0·4	22	+20
733	Dakar	14 40	17 26	32	..	1012·3	..	297·7	304·8	14th	289·2	288·2	3rd	293·5	292·7	- 1·4	0	- 1
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	298·8	307·4	14th	290·4	287·4	5th	294·6	294·2	- 2·3	0	..
735	Niénébalé	12 57	7 26	300-	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Kabara	16 45	W. 3 1	273	..	..	..	..	..	..	..	..	..	..	..	..	..	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	310·2	313·6	21st	292·2	289·1	1st,2nd	301·2	301·0	+ 1·8	0	0
738	Kaduna Capital	10 32	7 25	2637	..	..	..	307·3	309·1	28th	..	..	..	..	‡297·8	+ 0·5	0	- 1
739	Hadeija	12 40	10 5	?	..	..	..	307·1	310·2	22nd	286·9	283·6	2,3,4	297·0	296·8	- 0·8	0	0
740	Maiduguri	11 47	13 11	361	..	..	..	308·7	313·0	22nd	..	..	..	..	‡297·4	- 0·4	0	0
741	♁El Fasher	13 32	25 18	730	927·5	1009·2	..	308·4	313·5	21,22,23	283·2	279·0	10th	295·8	293·6	+ 0·7	0	0
743	El Obeid	13 11	30 14	563	947·1	1009·8	- 0·7	306·8	313·8	23rd	285·9	280·6	16th	296·4	295·6	+ 1·3	0	0
743	Khartoum	15 37	32 33	390	967·1	1010·7	- 0·6	306·2	313·8	22nd	289·7	283·2	16th	298·0	297·9	+ 1·0	0	0
744	Fort Sudan	19 37	37 13	5·5	1013·5	1014·2	+ 0·4	300·3	302·8	23rd	292·2	287·6	5th	296·2	296·0	+ 0·2	0	- 4
745	Berbera, Somaliland	10 26	45 2	13·8	1012·9	1014·5	+ 0·3	301·4	302·4	17th,20th	294·9	291·3	11th	298·1	298·1	- 0·1	0	- 5
746	Aden	12 49	45 2	29·9	1012·4	1015·9	+ 0·7	301·1	303·8	28th	295·7	293·2	24th	298·4	297·8	+ 0·3	4	- 1
751	Bombay	18 54	72 49	11·3	1014·2	1015·5	+ 1·0	302·7	307·4	14th,15th	292·1	288·0	2nd	297·4	296·6	+ 0·1	0	- 2
752	Kodaikanal	10 14	77 28	2343	773·1	..	+ 0·8	291·2	294·0	2nd	281·9	278·8	19th	286·5	286·1	+ 0·1	55	+19
752a	Bangalore	12 58	77 35	921	913·6	1015·0	+ 1·1	302·9	304·9	6th	289·5	286·4	20th	296·2	295·9	+ 0·7	31	+26
753	Madras	13 4	80 15	6·7	1014·1	1014·8	+ 0·4	302·7	305·8	28th	294·1	290·3	18th	298·4	298·0	+ 0·2	56	+48
754	Vizagapatam	17 42	83 18	38·4	1011·4	1015·8	+ 1·1	300·9	304·4	28th	292·8	290·5	14th	296·9	296·4	- 1·4	43	+21
755	Port Blair	11 40	92 43	18·0	1011·8	1013·8	+ 0·7	302·3	304·2	6th	296·8	294·6	1st	299·6	299·1	- 0·6	105	+83
756	Rangoon	16 46	96 11	5·5	1014·0	1014·6	+ 1·0	306·6	310·4	26th	292·8	290·3	9th	299·7	298·5	+ 0·4	1	- 4
757	Cap St. Jacques	10 20	107 5	180	..	1014·0	..	299·6	302·2	14th	295·2	293·4	17th	297·4	297·0	- 0·9	0	- 1
758	Nhatrang	12 15	109 12	3·6	..	1014·8	..	300·7	302·6	27th	292·4	290·0	7th	296·6	296·1	- 1·1	44	+18
759	Bolinao	16 23	119 53	2	..	1014·0	+ 2·7	302·5	305·5	28th	293·1	288·9	10th	297·8	297·1	- 1·7	0	- 9
761	Vigan	17 34	120 23	12·2	..	1013·8	+ 1·8	302·0	304·3	26th	293·2	288·4	10th	297·6	297·3	- 1·4	0	- 6
761a	Manila	14 35	120 59	14·2	..	1014·2	+ 1·9	304·2	306·9	25th,26th	292·6	289·9	17th	298·4	297·6	- 0·7	12	+ 1
762	Ormoc	11 0	124 36	5·6	..	1012·4	+ 2·1	304·2	305·7	27th,28th	293·5	290·8	17th	298·9	298·6	+ 0·2	22	-98
765	♁Guam, Ladrone Is.	13 24	144 38	18·6	..	1011·9	+ 1·8	302·4	303·8	8th	296·6	292·8	17th	299·5	299·2	- 0·1	16	-51
766	Saipan	15 14	145 46	207	990·6	1011·0	..	299·5	301·1	25th	294·7	293·5	21st	297·1	296·8	..	21	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

‡See Table of Authorities, Remarks, pages 105-15.

♁Change of normals, see Table of Authorities, pages 105-15.

FEBRUARY - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	∮Fanning Island	3 54	159 23	5·3	1010·8	1011·5	+ 0·9	303·8	306·9	27th	298·1	296·3	9th	300·9	300·5	+ 0·4	260	- 1
821	Cristobal	9 23	79 54	11·0	..	1012·1	- 0·2	302·7	303·0	27th	298·0	295·8	24th	300·3	299·7	+ 0·7	19	-22
822	Bogota	4 36	74 5	2645	746·0	..	+ 0·3	293·2	296·5	16th	282·9	279·9	25th	288·0	287·0	+ 0·3	113	+53
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	1008·3	1012·6	+ 0·5	304·3	305·3	18th	295·3	294·2	2nd,3rd	299·8	299·2	- 0·1	7	+ 2
824	El Peru, Guayanavieja	7 19	61 49	220	985·8	1011·0	- 0·2	..	..	..	293·7	292·7	24th	..	‡294·7	- 0·2	36	-33
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1013·1	- 0·2	301·3	301·9	14,17,21	296·7	295·8	5,12,27	299·0	298·7	- 0·1	94	-21
826	Paramaribo	5 49	55 9	3·7	1012·5	1012·9	- 0·3	302·9	304·9	18th	295·4	293·0	20th	299·1	298·7	+ 0·6	73	-98
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	73	-17
831	10°-5°N. 30°-25°W.	††7 4	††27 4	§(94-126)	..	1013·2	+ 0·9	..	..	Sea Temp. 297·9	-0·5	..	..	..	297·8	- 0·4	295	..
833	∮Konakri	9 31	13 43	16	..	..	..	304·1	306·2	25th	296·2	293·0	4th	300·1	300·8	- 0·4	6	+ 6
834	Freetown, Sierra Leone	8 29	13 14	55·0	1004·1	1010·3	+ 1·2	304·2	308·0	11th	296·3	294·7	2,3,10	300·2	299·6	- 0·7	4	- 4
835	Assuantsi	5 18	1 15	97·3	998·7	1009·8	..	305·2	306·9	21st	294·3	291·3	2nd	299·8	299·1	+ 0·3	36	-31
836	Accra	5 33	W. 0 12	17·7	1007·9	1009·9	+ 0·3	..	..	..	298·6	295·8	25th	..	‡301·9	+ 0·6	32	+ 3
837	Lagos	6 27	E. 3 24	3·0	1008·8	1009·1	- 0·6	304·9	305·8	9,13,26	298·5	295·2	24th	301·7	301·2	+ 0·6	56	+ 8
838	Victoria, Nigeria	4 1	9 12	15·5	1009·1	1010·9	..	304·4	305·2	sev.dates	294·2	292·4	21st	299·3	298·6	..	324	+246
839	Yola	9 12	12 30	259	..	..	..	310·9	313·3	21st	294·7	289·7	3rd,7th	302·8	302·7	+ 0·9	0	0
841	∮Wau	7 42	28 3	440	959·2	1008·2	+ 0·4	310·2	317·0	23rd	..	..	..	..	‡299·3	..	0	- 6
843	Malakal (Kodok)	9 35	31 37	394	964·0	1008·2	+ 0·3	310·9	314·0	21st	292·1	288·5	7th	301·5	300·0	+ 0·2	0	0
843a	Mongalla	5 11	31 47	448	958·0	1007·4	- 0·3	311·2	315·1	20th	294·6	289·7	1st	302·9	302·1	+ 1·2	6	-12
844	Entebbe	0 5	32 29	1171	883·6	1009·3	+ 0·5	299·1	301·3	21st,24th	291·3	289·1	2nd,28th	295·2	294·9	+ 0·4	95	+ 1
845	Sheikh	9 55	45 15	1463	..	..	..	294·6	298·6	14th	284·1	280·8	11th	289·3	288·6	..	2	-15
851	Minicoy	8 18	73 0	2·7	1013·4	1013·7	+ 0·6	303·5	304·3	25th	296·9	294·6	21st	300·2	299·7	..	49	+32
851a	Cochin	9 58	76 14	2·7	1013·8	1014·2	+ 1·0	303·6	305·2	24th,25th	297·1	294·8	20th	300·3	299·8	- 0·5	0	-20
852	Colombo Observatory	6 54	79 52	7·3	..	1012·1	+ 1·4	303·9	306·9	26th	295·4	293·2	19th	299·7	299·2	+ 0·5	50	+ 1
853	Nuwara Eliya	6 58	80 46	1881	815·5	1015·7	+ 2·4	294·4	296·3	28th	279·4	271·7	20th	286·9	285·9	+ 0·3	35	-18
854	Trincomalee	8 35	81 15	30·2	..	1012·6	+ 1·3	301·5	303·9	4th	297·7	294·7	9th	299·6	299·1	+ 0·6	56	+ 2
855	Kuta Raja	5 32	95 20	7·1	..	1010·7	0·0	..	..	..	..	..	..	..	..	..	81	-11
856	Medan	3 35	98 41	25	..	1011·2	+ 0·6	304·7	306·7	5th	295·3	293·0	11th	300·0	299·3	+ 0·9	25	-66
857a	Butterworth	5 25	100 22	5·0	..	..	..	306·0	307·4	sev.dates	297·7	295·2	3rd,5th	301·8	301·3	+ 1·1	57	-18
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
859	Sandakan	5 50	118 7	31·7	1001·2	1011·6	+ 1·2	304·4	305·8	7th,25th	295·2	294·1	sev.dates	299·8	298·9	..	79	..
860	Iwahig	9 44	118 38	14·3	..	1012·2	+ 2·5	303·2	304·1	1,26,28	295·9	295·2	sev.dates	299·5	299·8	- 0·3	60	-219
861	Tagbilaran	9 38	123 51	21·3	..	1012·3	+ 2·0	303·9	304·9	5th	293·1	289·8	8th	298·3	298·5	- 0·2	2	-50
861a	Menado	1 30	124 50	8·5	..	..	..	303·9	305·4	5th,28th	294·3	292·0	9th	299·1	298·3	- 0·4	31	-32
862	Surigao	9 48	125 29	6·0	..	1011·2	+ 1·4	301·4	303·9	24th	295·8	293·6	10th	298·6	298·3	- 0·4	..	..
863	∮Kolonie, Yap	9 29	138 8	29·3	..	1013·1	+ 2·6	301·6	303·4	9th	295·7	292·9	9th	298·7	298·4	- 0·1	197	-164
864	Palau	7 20	134 29	31·8	1008·2	1012·1	+ 2·5	301·8	303·5	6th	297·2	295·5	17th	299·5	299·0	- 0·4	115	-32
867	Ponape	6 58 N.	158 13 E.	38·9	1006·3	1010·7	..	302·0	304·0	23rd	297·4	294·8	18th	299·7	299·5	..	128	..

FEBRUARY - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	1008·5	1008·7	..	301·4	304·3	6th	299·6	297·3	16th	300·5	300·2	..	841	..
920	Lambayeque	6 46	80 55	15	1009·9	1011·6	..	306·8	309·0	20th	291·3	289·2	28th	299·1	297·6	..	3	..
921	Quito	0 14	78 30	2816	728·2	..	+ 0·3	293·2	296·5	11th	282·5	280·0	2nd	287·9	286·2	+ 0·4	134	+ 6
923	Senna Madureira	9 4	68 40	135	993·9	1009·1	..	306·2	309·3	18th	293·6	292·0	1st,10th	299·9	298·6	..	407	..
923a	São Gabriel do Rio Negro	0 8	67 5	85·0	999·9	1009·6	..	304·8	307·6	4th	295·5	293·8	24th	300·2	299·3	..	175	..
924	Manaos	3 8	60 1	43·8	..	..	..	302·3	305·2	21st,28th	295·2	294·0	11th	298·8	298·4	- 0·5	255	+24
926	Taperinha	2 30	54 20	21·5	1009·1	1011·6	+ 0·2	302·7	305·2	2nd	295·8	295·0	2nd,14th	299·2	298·5	+ 0·5	144	-130
927	Turyassu	1 43	45 26	9·1	1009·5	1010·6	- 0·2	303·4	306·3	1st	295·0	293·2	28th	299·2	298·6	- 0·1	382	+64
928	Barra do Corda	5 30	45 16	81·0	1002·0	1011·5	..	304·2	306·2	3rd,17th	294·9	292·9	7th	299·6	298·3	+ 0·3	122	-65
929	Quixeramobim	5 16	39 15	207	988·2	1011·4	+ 0·2	304·5	306·8	27th,28th	298·1	296·4	9th	301·3	301·1	+ 0·6	37	-92
930	Fernando Noronha	3 50	32 25	106	999·6	1011·5	- 0·2	302·2	303·4	28th	298·0	296·5	22nd	300·1	299·2	+ 0·9	52	-49
934	Ascension Island	7 56	W. 14 25	16·8	1012·0	1013·8	+ 0·5	..	..	..	..	..	..	..	298·4	- 0·8	10	- 2
939	Loanda	8 49	E. 13 13	59·3	..	1010·9	+ 0·1	301·1	303·0	23rd	296·8	295·4	25th	298·9	298·5	- 0·3	26	- 7
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	294·1	297·0	..	283·9	282·0	..	289·0	289·4	..	69	..
943	Masaka	0 20	31 44	1280	..	..	..	301·0	301·9	1,6,27	290·6	289·1	8th	295·8	295·1	..	67	+ 5
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	820·9	1013·3	..	295·2	296·9	25th	286·3	283·3	10th	290·7	290·1	..	153	..
944a	Zanzibar	6 10	39 12	17·1	1011·2	1013·1	+ 0·6	303·0	304·8	21st	299·1	296·5	7th	301·1	300·6	- 0·5	138	+82
945	Lamu	2 16	40 50	3·0	..	..	..	302·2	303·0	23,25,28	298·4	296·3	12th	300·3	299·9	- 0·1	0	- 3
947	Seychelles, Port Office	4 37	55 27	4·6	1011·3	1011·8	+ 0·4	302·2	303·6	18th	296·7	295·2	24th	299·4	298·8	- 0·3	225	-96
957	Padang	0 56	100 22	6·7	..	1011·7	+ 1·1	303·8	305·7	4th	296·4	295·3	3rd	300·1	299·7	+ 0·2	184	-74
958	Batavia	6 11	106 50	8·0	1010·5	1011·4	+ 1·4	302·3	304·4	28th	296·5	295·3	10th,14th	299·4	299·0	+ 0·5	438	+112
958a	Pontianak	0 1	109 20	2·6	..	1010·8	+ 0·7	305·1	306·9	23rd	297·0	295·0	15th	301·1	300·2	+ 0·8	169	-43
959	Pasuruan	7 38	112 55	5·0	..	1010·2	+ 0·9	304·5	306·1	16th	296·7	296·0	26th	300·6	299·6	+ 0·3	203	-70
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	432	-15
962	Amboina	3 42	128 10	4·2	..	1010·2	+ 1·4	305·2	307·2	7th	298·4	296·7	5th	301·8	301·3	+ 1·4	77	-42
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
965	Daru	9 4	143 13	7·6	..	1010·4	+ 1·4	303·9	..	..	..	..	..	..	..	..	231	-18
966	Port Moresby	9 29	147 9	38·4	..	..	..	..	..	..	296·9	..	..	300·4	299·9	0·0	458	+163
967	Rabaul	4 9	152 12	12·5	1008·3	1009·8	+ 1·9	305·4	307·6	1st	295·8	294·8	7th	300·6	300·0	+ 0·1	228	-42
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·2	305·8	24th	297·3	296·4	10th	300·3	300·0	- 0·5	414	-245
970	Ocean Island	0 52	169 35	42·6	1005·3	1010·3	+ 0·5	303·7	305·8	11,27,28	298·5	296·9	23rd	301·1	300·5	+ 0·2	387	+163

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
§ Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

FEBRUARY - ZONE 10.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1007·2	- 1·1	302·3	304·1	10th,11th	297·3	296·3	11th,28th	299·8	299·7	+ 0·1	481	+93
1003	∮Alofi, Niue Island	19 2	169 55	19·8	..	1008·2	- 1·6	303·3	305·2	27th	291·9	288·6	18th	297·6	297·3	- 2·2	450	+196
1021	Lima	12 5	77 3	111	997·1	1010·0	..	301·0	302·8	15th	291·8	289·6	28th	296·4	294·6	..	1	..
1022	Arica	18 28	70 20	5	1011·4	1012·0	..	296·7	299·0	21st,22nd	288·5	287·0	21st	292·6	293·9	- 2·2	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	658·4	..	+ 0·6	289·1	293·8	3rd	279·4	277·3	21st	284·3	282·9	- 0·5	132	+21
1025	Corumba	18 59	57 39	116	995·5	1008·6	+ 1·1	305·2	308·8	10th	295·3	292·8	19th	300·2	299·1	- 0·3	202	+71
1026	Cuyaba	15 36	56 6	165	990·3	1009·0	- 0·1	304·5	308·9	7th	295·4	294·1	5th,6th	300·0	298·6	- 0·1	171	-40
1027	Bello Horizonte	19 56	43 56	895	913·7	1011·4	- 0·2	301·4	305·2	6th	291·4	288·8	6th	296·4	295·3	+ 0·1	204	-21
1028	Caetite	14 3	42 37	897	915·3	1013·1	+ 0·8	302·8	306·5	16th	290·7	288·1	4th	296·8	296·4	+ 0·7	106	+ 6
1029	Ondina (Bahia)	13 0	38 31	46·6	1007·0	1012·3	- 0·1	302·5	304·2	28th	296·1	294·6	4th	299·3	299·2	+ 0·1	48	-66
1030	Aracaju	10 55	37 3	6·1	1012·2	1013·0	- 0·3	302·6	306·1	28th	296·2	293·7	7th	299·4	299·2	..	32	..
1035	∮St. Helena	15 57	W. 5 40	579	946·5	1013·3	+ 1·0	..	..	..	288·4	287·4	2nd,11th	..	290·4	- 0·5	25	-43
1039	Mossamedes	15 12	E. 12 9	12·5	1011·3	1012·8	..	..	303·0	23rd	..	289·5	13th	..	..	..	0	..
1041	Livingstone	17 51	25 51	972	905·4	1009·7	..	305·8	310·7	15th	292·8	288·6	7th	299·3	..	+ 1·0	72	-48
1041a	∮Elisabethville	11 39	27 28	1230	876·0	1007·2	0·0	301·3	303·7	15th,25th	289·2	286·5	11th	295·3	..	+ 0·2	330	+87
1042	Gwelo	19 26	29 45	1411	..	..	..	300·8	307·4	15th	287·8	282·4	6th	294·3	..	+ 0·1	42	-94
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	853·6	1011·4	+ 1·5	300·3	303·0	9th,15th	288·3	283·6	6th	294·3	293·6	+ 0·7	36	-137
1044	Zomba	15 23	35 18	955	906·1	1009·7	+ 2·1	299·6	304·7	3rd	290·7	286·3	7th	295·1	294·4	- 0·1	276	+ 5
1045	Mossuril	14 57	40 40	15	..	1011·6	..	304·4	308·0	3rd	296·0	293·3	7th	300·2	300·0	..	236	..
1046	Antananarivo	18 55	47 33	1375	863·5	1010·1	+ 1·1	300·1	303·0	2nd	289·1	287·1	1st,8th	294·6	293·4	+ 0·5	167	-121
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1010·7	1011·5	+ 0·8	303·4	304·8	15th	298·3	294·3	7th	300·9	300·5	+ 0·2	61	-128
1057	Christmas Island	10 25	105 43	5·5	1008·4	1009·1	+ 1·6	303·4	306·9	1st	297·8	296·3	10th	300·6	300·3	+ 0·2	323	+24
1061	Kupang	10 10	123 34	45	1004·2	1009·3	+ 0·5	304·1	307·0	2nd	297·3	295·1	19th	300·7	300·3	+ 0·9	253	-114
1061a	∮Derby	17 18	123 40	16·2	1005·0	1006·8	- 0·8	307·4	313·0	12th	299·6	296·9	16th,17th	303·5	..	+ 0·8	362	+211
1062	Hall's Creek	18 13	127 46	373	966·5	1007·4	+ 0·3	306·9	311·9	7th	296·9	293·7	1st	301·9	301·5	- 0·8	376	+260
1063	Darwin	12 28	130 51	29·6	1003·2	1006·5	+ 0·2	304·5	308·2	5th	297·7	295·8	15th	301·1	300·1	- 0·5	449	+123
1064	Daly Waters	16 16	133 23	211	983·2	1006·7	+ 1·2	305·7	311·3	7th	296·7	295·2	6,8,21	301·2	300·8	- 1·5	276	+117
1065	Palmerville	15 56	144 8	210	985·5	1008·9	+ 1·9	305·1	307·4	19th,20th	295·6	292·6	17th	300·3	..	- 0·3	257	+ 3
1066	Georgetown, Queensland	18 22	143 32	302	976·5	1010·1	+ 2·1	305·4	308·6	16th	295·2	292·4	12th	300·3	..	- 0·6	179	-15
1066a	Willis Island	16 18	149 59	8·5	1008·5	1009·6	+ 2·5	302·9	304·6	2nd	298·3	295·3	10th	300·6	300·8	- 0·1	97	-117
1067	Samarai	10 37	150 40	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1072	Suva, Fiji	18 8	178 26	6·1	1006·3	1007·0	- 0·7	303·6	305·8	9th,24th	297·2	293·6	5th	300·4	300·1	+ 0·6	506	+234

BETWEEN LATITUDE 20° S. AND 30° S.

FEBRUARY - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	301·8	303·6	6,7,20	295·7	294·1	5 days	298·8	298·5	- 0·3	417	+166
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1010·2	1013·0	- 1·5	295·0	297·8	1st	289·4	287·8	28th	292·2	291·8	+ 1·2	0	0
1122	∮Antofagasta	23 42	70 24	94	1002·4	1013·4	- 0·9	297·5	299·4	4th	290·1	288·5	12th	293·8	293·5	- 0·3	0	0
1123	Catamarca	28 29	65 47	528	951·3	1009·2	+ 1·7	307·9	314·5	3rd,4th	295·3	289·0	28th	301·6	301·2	+ 2·4	149	+92
1124	Salta	24 46	65 24	1182	..	..	..	..	..	..	..	..	..	..	..	..	150	+ 4
1125	Goya	29 9	59 15	37	1006·6	1010·8	+ 0·8	306·7	312·8	4th	293·5	290·8	27th	300·1	298·6	+ 0·3	104	- 2
1126	∮Asuncion	25 17	57 41	93	1000·6	1011·2	+ 1·7	305·9	310·2	4th	295·6	292·6	28th	300·8	299·6	- 0·5	189	+64
1127	Curityba	25 25	49 17	908	912·1	1012·2	- 0·3	298·9	302·7	23rd	289·1	284·4	11th	294·0	292·9	- 0·2	222	+74
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1009·1	1011·2	- 0·5	301·1	308·3	15th	296·0	293·4	19th	298·6	298·9	+ 0·3	79	-35
1139	Windhoek	22 34	E. 17 6	1727	830·2	1009·1	..	302·5	305·5	5th,7th	289·3	282·4	14th	295·9	295·1	+ 0·8	27	-54
1140	O'Okiep	29 36	17 52	933	910·1	1012·0	+ 0·6	303·2	310·3	5th	289·2	279·9	2nd	296·2	295·7	+ 0·2	7	- 1
1141	∮Kimberley	28 44	24 46	1218	880·4	1010·8	+ 1·3	303·5	310·8	7th	288·9	282·4	3rd	296·2	295·8	- 0·6	50	-17
1141a	Johannesburg	26 11	28 4	1806	824·3	1013·5	+ 1·0	297·8	304·5	7th	286·0	279·8	3rd	291·9	291·4	+ 0·2	101	-32
1142	Bulawayo	20 9	28 35	1349	868·8	1013·0	+ 1·6	301·4	305·2	15th	287·8	282·4	9th	294·6	294·1	+ 0·3	18	-83
1143	Durban	29 52	31 3	15·2	1014·4	1016·2	+ 0·5	300·3	304·8	1st	293·6	289·7	4th	296·9	296·4	- 0·7	78	-47
1144	Lourenço Marques	25 58	32 36	59·5	..	1015·2	+ 2·1	302·3	310·4	26th	293·8	290·4	6th	298·1	297·5	- 0·8	144	-26
1147	Mauritius	20 6	57 33	55·2	1004·3	1010·6	- 0·4	301·9	303·3	15th	295·8	291·9	18th	298·9	298·5	- 0·3	137	-76

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

FEBRUARY - ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	♯Onslow	21 43	114 57	4·3	1004·8	1005·3	- 1·1	306·8	316·3	28th	296·0	290·5	4th	301·4	..	- 1·4	0	-30
1160	♯Cue	27 27	117 52	454	958·5	1007·5	- 0·9	313·1	318·1	16th	297·8	289·7	19th	305·4	..	+ 2·8	10	-10
1161	Nullagine	21 53	120 5	386	..	..	..	311·6	316·3	6,7,14	294·7	290·2	19th	303·2	..	- 0·8	136	+74
1162	Laverton	28 40	122 23	466	959·3	1010·1	- 0·7	310·4	318·2	13th	295·3	286·2	20th	302·9	302·7	+ 2·4	38	+12
1163	Alice Springs	23 38	133 37	587	944·5	1008·2	+ 1·1	307·9	312·2	15th	295·0	290·2	26th	301·4	301·6	+ 0·5	9	-30
1164	William Creek	28 55	136 21	76·2	1002·9	1011·4	+ 0·8	310·3	317·6	14th	295·4	287·4	24th	302·8	302·5	+ 1·5	5	+45
1164a	Boulia	22 55	139 38	146	991·8	1008·0	+ 1·7	309·7	315·2	16th,17th	296·3	292·1	11th	303·0	303·2	- 0·7	93	+14
1165	Thargomindah	27 58	143 43	123	997·3	1011·0	+ 2·2	308·1	314·7	16th	297·5	290·8	24th	302·8	302·5	+ 0·3	52	-58
1166	Mitchell	26 32	147 52	336	975·8	1013·4	+ 3·4	305·8	313·7	16th	292·5	288·0	11th,12th	299·2	..	+ 0·2	23	
1167	Rockhampton	23 24	150 30	11·3	1012·4	1013·7	+ 3·5	303·1	307·9	16th	293·9	291·4	11th	298·5	297·9	- 1·2	112	-89
1168	Brisbane	27 28	153 2	41·8	1012·3	1016·7	+ 4·1	301·2	306·5	15th	292·7	290·4	13th,28th	296·9	296·4	- 0·8	46	-115
1170	Norfolk Island	29 4	167 59	14·9	1015·1	1016·9	+ 3·6	296·8	300·5	15th	292·6	288·0	21st	294·7	294·3	- 0·5	90	-47
		S.	E.															

FEBRUARY - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37 S.	78 52 W.	6	1016·6	1017·3	- 0·3	295·0	298·0	24th	289·4	286·4	2nd	292·2	291·7	0·0	17	-16
1221a	Punta Tumbes	36 37	73 6	120	999·2	1013·5	- 1·2	292·0	297·2	26th	284·8	282·8	9th	288·4	288·5	+ 0·3	0	- 9
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1009·5	1014·3	0·0	295·4	300·5	28th	286·5	284·7	8th	290·9	291·2	- 0·1	0	- 2
1222a	Santiago	33 27	70 42	520	953·2	1012·3	0·0	300·6	305·0	13th	285·5	282·8	28th	293·1	292·0	+ 0·5	0	- 2
1223	Cordoba	31 25	64 12	423	962·6	1009·9	- 0·2	305·4	313·4	17th	291·3	285·7	28th	298·3	297·6	+ 2·1	99	- 8
1224	Bahia Blanca	38 45	62 16	28·7	1008·9	1012·2	- 0·3	303·4	313·0	1st	290·5	283·7	6th	297·0	296·5	+ 1·4	81	+26
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1009·0	1011·9	- 0·8	302·9	308·4	8th	291·1	287·0	21st	297·0	296·2	+ 0·7	233	+165
1226	♯Montevideo (Prado)	34 52	56 12	24·9	1007·7	1011·0	- 1·7	301·5	310·2	12th	289·7	283·7	10th	295·6	295·3	+ 0·1	114	+40
1226a	Porto Alegre	30 2	W. 51 13	23·5	1008·7	1011·4	- 1·2	302·3	305·8	13th	292·7	290·5	19th	297·5	296·9	- 0·7	69	-34
1239	Cape Town	33 56	E. 18 29	12·2	1014·0	1015·4	+ 2·4	300·0	307·1	4th	288·7	283·0	2nd	294·4	292·9	+ 0·1	27	+12
1240	Danger Point	34 37	19 18	27·7	..	..	..	293·3	297·4	3rd	286·7	282·4	2nd,3rd	290·0	..	- 1·8	27	+ 7
1241	Riversdale	34 6	21 16	61·0	..	..	..	300·1	311·3	5th	288·0	282·2	2nd	294·1	..	- 1·0	124	+91
1242	East London	33 1	27 54	45·4	1011·0	1016·3	+ 2·3	296·9	300·4	24th	290·0	286·3	3rd	293·5	..	- 0·7	74	+15
1259	Perth (Observatory)	31 57	115 51	60·0	1006·9	1013·9	+ 0·6	302·1	311·8	23rd	290·1	284·8	6th	296·1	295·5	- 0·2	3	- 8
1260	♯Katanning	33 42	117 35	310	979·7	1015·1	+ 0·9	302·9	311·2	25th	286·7	282·1	6th,19th	294·8	..	+ 0·5	3	-11
1261	♯Coolgardie	30 57	121 10	423	965·1	1011·9	- 0·4	308·3	316·4	16th	290·8	284·7	18th	299·6	299·4	+ 2·0	19	- 3
1262	Eucla	31 45	128 58	4·6	1013·9	1014·4	+ 0·2	298·1	315·8	9th	290·6	288·0	2,11,28	294·3	293·6	- 0·3	148	+130
1263	Streaky Bay	32 48	134 13	13·1	1013·0	1014·3	0·0	305·1	314·7	9th	290·8	282·1	23rd	298·0	297·2	+ 2·3	2	-10
1264	Adelaide	34 56	138 35	42·7	1010·0	1014·8	+ 0·6	306·8	317·7	9th	292·0	284·1	23rd	299·4	298·9	+ 3·0	11	- 8
1265	Melbourne	37 49	144 58	35·1	1012·2	1016·2	+ 1·7	301·1	312·7	9th	288·2	283·3	23rd	294·7	294·3	+ 1·9	69	+24
1266	Bourke	30 13	145 58	110	1003·3	1015·6	+ 3·0	309·0	316·9	15th	294·6	288·0	24th	301·8	..	+ 0·4	10	-30
1267	Sydney	33 51	151 13	42·1	1012·0	1017·0	+ 3·1	298·9	314·1	22nd	292·4	288·1	25th	295·7	295·4	+ 0·8	15	-93
1268	Lord Howe Island	31 20	159 0	4·9	1018·2	1018·7	+ 4·1	297·9	301·5	23rd	292·4	289·8	5th	295·1	..	- 0·6	37	-79
1271	Auckland	36 51	174 48	13·4	..	1017·0	+ 1·8	295·4	297·9	9th	288·2	285·3	26th	291·8	..	- 0·6	169	+92
1272	Napier	39 29	176 55	1·5	..	..	..	295·0	303·4	16th	286·3	279·7	9th	290·7	..	- 0·5	36	-35
		S.	E.															

FEBRUARY - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	S. 43 52	W. 176 42	45·7	..	1016·7	+ 5·1	..	..	..	..	..	..	..	..	..	38	-24
1321	Isla Guafo	43 34	74 45	140	1001·2	1018·0	+ 1·9	287·7	293·0	25th	284·3	280·0	8th	286·0	286·0	+ 0·4	6	-57
1322	♯Punta Galera	40 1	73 44	40	1011·1	1015·9	0·0	290·1	295·4	26th	284·1	282·0	16th	287·1	287·2	+ 0·5	27	-42
1323	Sarmiento	45 33	69 1	272	981·2	1012·7	+ 3·6	300·2	306·5	21st	285·3	276·5	26th	292·8	292·4	+ 2·4	3	- 6
1324	Puerto Madryn	42 46	W. 65 2	14	1011·8	1013·5	+ 3·8	297·6	307·2	2nd	285·4	278·9	26th	291·5	291·9	- 0·4	91	+79
1365	Launceston	41 27	E.147 10	81·1	1006·2	1015·7	+ 2·2	300·3	308·2	2nd	284·9	279·5	23rd	292·6	291·3	+ 1·7	36	..
1366	Hobart	42 53	147 20	53·9	1008·6	1015·0	+ 2·0	295·5	305·2	1st	285·5	280·1	23rd	290·5	289·2	+ 0·6	31	- 6
1369	Invercargill	46 25	168 21	3·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1370	Alexandra	45 15	169 24	159	..	..	..	292·1	300·8	16th	280·8	275·8	5th	286·4	..	- 0·5	51	-25
1371	Dunedin	45 52	170 31	6·1	..	..	..	296·7	302·9	2nd	282·4	275·7	20th	289·6	289·3	..	16	..
1371a	Christchurch	43 32	172 39	7·6	..	1015·9	+ 3·2	293·6	299·7	13th	282·9	279·1	27th	288·2	..	+ 1·0	42	-29
1372	Wellington	41 16	174 46	128	..	1017·3	+ 3·8	293·1	300·2	16th	283·7	278·9	25th	288·4	..	- 0·6	19	-25
		S.	E.			1017·6	+ 2·6	292·0	298·0	4th	284·7	281·1	2nd,26th	288·3	287·8	- 1·7	42	-38

FEBRUARY - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

1421	♯Islota de los Evangelistas	S. 52 24	W. 75 6	55	1004·3	1011·0	+ 8·1	283·2	284·7	28th	279·3	274·5	11th	281·3	282·0	+ 0·1	149	-96
1422	Magallanes (Punta Arenas)	53 10	70 54	28	1003·6	1007·0	+ 6·3	288·6	296·5	27th	280·4	277·5	12th	284·5	284·8	+ 1·2	15	-14
1423	Punta Dungeness	52 24	68 26	5	1006·0	1006·6	+ 6·5	..	293·6	27th	..	..	..	..	284·4	..	14	- 3
1424	Santa Cruz	50 1	68 31	13	1008·4	1010·0	+ 5·7	295·0	303·0	9th	282·3	275·6	26th	288·6	287·9	+ 0·7	21	+12
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1006·1	+ 4·9	286·6	293·0	21st	277·8	274·7	19th	282·2	..	- 0·2	34	-22
1426	Cape Pembroke	51 41	57 42	21·3	1002·8	1005·4	+ 4·1	285·8	290·2	16th	278·6	276·3	15th	282·2	282·4	- 0·2	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	991·2	991·7	- 4·1	280·6	286·4	27th	274·9	269·9	23rd	277·7	278·0	- 0·4	138	+28
		S.	W.															

FEBRUARY - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	S. 60 43	W. 44 47	7	988·0	988·9	- 2·7	275·1	280·3	24th	271·1	265·2	22nd	273·1	273·0	- 0·3	50	+ 7
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics. ♯Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, MARCH 1930

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF MARCH, 1930 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. MARCH - ZONE 1.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 58	178 33	6·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1019·3	- 1·1	247·8	263·0	1st	293·8	226·9	11th	243·8	..	- 2·3	2	- 1
125	Upernivik	72 47	56 7	19·2	1009·8	1012·3	- 0·1	264·7	276·4	4th	256·7	251·8	1st	260·7	260·5	+ 8·8	30	+13
131	Myggbukta	73 30	21 30	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	1012·6	1014·8	..	262·7	273·5	5th	252·6	236·8	13th	257·7	258·7	..	7	..
135	Jan Mayen	70 59	W. 8 18	23·1	1000·4	1003·3	- 7·1	..	276·0	29th	264·6	257·2	18th	..	268·0	- 0·7	22	-12
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1009·5	1011·0	+ 1·5	..	274·9	31st	247·4	237·9	15th	..	251·4	- 3·0	18	-10
140	Björnöen	74 28	19 17	29·2	1002·2	1006·0	0·0	..	277·8	31st	261·1	250·4	12th	..	263·9	- 0·7	47	+11
141	Ingöy	71 4	24 6	4·3	1001·3	1001·8	- 5·1	..	277·8	31st	268·0	264·9	8th	..	270·0	- 0·4	65	+11
142	Sletnes	71 5	28 14	10·2	1001·8	1003·1	- 3·2	..	277·1	31st	266·1	260·3	18th	..	268·8	..	71	..
143	Vardö	70 22	31 5	11·8	1002·0	1003·5	- 3·3	..	275·5	31st	266·1	260·7	13th	..	268·5	+ 0·2	57	+ 4
147	Malye Karmakouly	72 23	52 43	15·3	1005·9	1008·0	- 2·6	..	..	..	..	..	..	..	253·5	- 4·1	10	- 6
148	Waigatz	70 24	58 47	11·2	1006·8	1008·4	- 1·1	..	..	..	..	..	..	..	249·8	- 6·8	2	- 3
153	Dickson	73 31	80 23	13·0	1008·0	1009·8	- 0·7	..	..	..	..	..	..	..	246·4	- 3·4	2	- 2
162	Bouloune	70 45	127 47	?35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. MARCH - ZONE 2.

201	Preobrajenye	N. 64 52	W. 175 18	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	258·4	270·8	1st,18th	249·8	240·2	15th,31st	254·1	..	..	33	..
203	♯Nome	64 30	165 24	6·7	1010·9	1011·5	- 0·5	261·1	273·0	1st	250·4	238·0	9th	255·7	255·4	- 4·6	52	+29
205	♯Tanana	60 45	161 47	11·6	..	1010·1	..	265·8	276·3	28th	253·4	236·9	10th,12th	259·6	..	- 2·8	26	+ 5
206	Rampart	65 10	152 6	69·5	1004·1	1012·8	- 1·4	261·7	275·8	29th	249·2	229·7	10th	255·4	255·2	- 3·2	46	+29
207	Valdez	65 30	150 15	114	..	..	..	260·2	271·9	27th	249·1	233·0	11th	254·6	..	- 3·3	24	+12
208	♯Eagle	61 7	146 16	122	..	..	..	272·1	277·4	27th,29th	264·4	250·2	19th	268·3	..	..	344	..
209	Dawson	64 46	141 12	248	980·6	1012·8	- 1·4	265·4	284·1	26th	253·9	228·0	18th	259·7	259·3	- 0·1	13	+ 3
210	Aklavik	64 4	139 29	324	971·7	1014·1	..	263·6	279·7	31st	251·8	234·7	18th	257·7	258·2	0·0	27	+14
211	♯Fort Good Hope	68 14	134 50	7·6	1013·7	1014·8	..	..	280·2	3rd	..	230·2	5th	..	†250·3	..	3	..
212	Fort Simpson	66 15	128 38	65·2	1009·2	1018·1	..	257·3	275·8	30th	247·4	229·1	6th	252·4	..	+ 2·6	5	-12
213	Hay River	61 52	121 35	129	997·8	1015·0	..	266·1	281·9	30th	251·6	238·6	13th,20th	258·8	258·3	+ 3·5	10	- 2
225	Jacobshavn	60 51	115 57	161	991·9	1013·3	..	266·2	284·1	31st	249·7	235·8	6th	257·9	257·3	+ 2·5	4	- 9
226	Godthaab	69 13	51 2	31·6	1004·8	1008·9	- 1·1	268·8	278·8	4th	262·0	253·1	2nd	265·4	265·9	+ 9·1	14	+ 2
227	Ivigtut	64 10	51 43	20	..	..	..	273·4	281·0	26th	267·6	256·6	1st	270·5	270·3	+ 5·0	3	-42
229	Angmagsalik	61 12	48 10	30·0	1006·3	1010·1	+ 5·5	274·9	282·1	3rd	267·0	257·5	1st	270·9	271·7	+ 3·4	37	-49
231	Stykkisholm	65 36	37 33	29·3	1010·3	1014·1	+ 7·4	269·4	277·6	18th	261·1	253·6	14th	265·3	265·1	- 0·6	41	-21
232	Vestmanno	65 5	22 46	25	..	1011·2	+ 5·3	272·8	282·8	1st	268·2	260·5	12th	270·5	269·7	- 1·0	57	+ 7
233	Grimsey	63 24	20 17	132	..	1008·4	+ 4·5	274·4	281·5	1st	269·6	261·0	20th	272·0	271·9	- 1·9	41	-72
234	Teigarhorn	64 33	18 1	22	..	1010·3	+ 3·3	270·8	282·2	1st	..	..	..	..	268·6	- 1·1	1	-16
235	Hjörsvig	64 41	14 22	18	..	1007·0	+ 1·1	274·3	286·5	2nd	268·5	260·6	12th	271·4	270·9	- 0·8	14	-67
236	Lerwick	62 3	6 45	22·9	1002·3	1005·1	- 1·6	277·7	282·4	31st	272·5	264·8	20th	275·1	275·3	- 0·8	99	-25
237	Bergen(Fredriksberg)	60 8	W. 1 11	18·0	..	1005·1	- 1·9	278·4	282·4	27th	274·8	268·6	20th	276·6	276·7	- 0·1	74	- 6
238	Aalesund	60 24	E. 5 19	44·4	1000·6	1006·1	- 3·3	278·1	283·7	29th	273·5	269·2	18th	275·8	275·8	+ 0·1	162	+41
239	Trondheim	62 28	6 10	6·3	1003·6	1004·4	- 4·6	..	286·6	29th	274·0	270·4	21st	..	276·3	+ 0·8	112	+32
240	Bodö	63 26	10 25	59·2	996·5	1003·9	- 4·9	276·9	283·8	31st	271·0	263·3	15th	273·9	274·3	+ 2·1	57	- 1
241	Haparanda	67 17	14 26	17·0	999·1	1001·2	- 5·6	..	281·0	30th	270·0	263·8	17th	..	273·0	+ 1·6	166	+108
242	Helsingfors	65 50	24 9	9·2	1003·2	1004·4	- 6·0	271·0	282·5	3rd	263·3	253·0	12th	267·1	267·3	+ 2·4	57	+31
242a	Kuopio	60 10	24 57	11·7	1005·3	1006·8	- 5·7	275·4	283·0	2nd	270·1	260·0	16th	272·7	272·8	+ 3·7	34	- 1
243	Kola	62 55	27 40	233	976·3	1005·6	- 7·0	272·7	280·0	3rd	265·0	256·2	16th	268·9	268·7	+ 1·6	36	+ 1
244	Petrozavodsk	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Archangelsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
246	Mezen	64 34	40 31	6·3	1004·0	1004·8	- 7·5	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	264·4	- 0·8	38	+18
248	Tcherdyn	60 24	56 31	?208	..	..	..	..	..	..	..	..	..	..	258·2	- 3·9	11	- 5
249	Berezov	63 56	65 4	46	1004·2	1010·4	- 5·6	..	..	..	..	..	..	..	255·2	- 4·8	26	+10
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	1004·8	1011·2	- 7·3	..	..	..	..	..	..	..	259·2	- 0·7	52	+37
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	1006·7	1012·8	- 3·5	..	..	..	..	..	..	..	253·6	- 2·7	21	+10
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	1007·4	1021·8	+ 1·7	..	..	..	..	..	..	..	257·9	+ 7·4	7	+ 2
263	Verkhoïansk	67 33	133 24	100	999·0	1012·6	- 4·9	..	..	..	..	..	..	..	251·6	+ 9·6	8	+ 6
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Marlinskii Post	64 45	177 33	17·2	1021·0	1023·3	+ 4·0	..	..	..	..	..	..	..	249·4	- 4·4	2	- 4
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. ♯See Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics. ♯Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

MARCH - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	ǂSt. Paul Island	57 15	170 10	28·0	..	1009·8	+ 3·0	271·0	275·8	13th	265·3	255·8	17th	268·2	..	- 1·4	41	-13
303	ǂDutch Harbor (Radio)	53 55	166 30	4·0	1010·6	1011·2	+ 4·6	274·9	283·0	13th	269·8	263·0	24th	272·3	‡272·3	- 1·6	107	-19
304	Chernofski Bikar	54 27	166 42	?	..	..	..	275·5	279·7	13th	270·1	265·8	17th,24th	272·8	..	..	99	
305	Dillingham	59 0	158 28	24·4	..	..	..	269·6	275·8	26th,29th	260·3	243·0	10th	264·9	..	- 2·6	110	+64
306	ǂKodiak* (Radio)	57 47	152 22	4·6	1006·9	1007·4	+ 1·9	276·3	281·9	31st	269·0	260·2	10th	272·7	‡272·7	- 0·9	82	- 7
309	Sitka	57 3	135 19	19·8	..	..	..	277·4	281·3	26th	270·5	257·4	19th	273·9	..	- 1·7	268	+125
310	Prince Rupert	54 18	130 18	51·8	1011·4	1017·9	+ 5·5	279·3	286·3	26th,27th	273·4	268·0	19th,20th	276·4	276·7	- 0·1	200	-17
311	Prince George	53 50	122 48	570	946·9	1016·5	..	279·9	293·0	28th	265·5	251·3	2nd	272·7	272·9	+ 1·1	16	+ 1
312	Kamloops	50 41	120 29	385	972·8	1019·9	+ 0·6	282·6	295·2	28th	271·5	263·0	1st,2nd	277·1	277·4	+ 0·7	9	
313	Calgary	51 2	114 2	1058	892·3	1018·1	+ 2·0	277·9	293·6	28th	264·6	244·1	20th	271·3	271·0	+ 2·0	21	+ 1
314	Fort Smith	60 0	111 52	183	986·8	1010·8	..	268·5	283·0	28th	252·9	234·1	19th	260·7	260·9	+ 4·5	3	-
315	ǂPrince Albert	53 10	105 38	437	962·4	1017·8	- 1·2	272·5	283·0	11th	258·9	243·6	20th	265·7	265·6	+ 2·6	32	+10
316	Qu'Appelle	50 30	103 47	651	937·3	1018·6	- 1·1	271·1	278·6	11th	260·9	244·1	20th	266·0	265·7	+ 1·8	16	+20
317	ǂMinnedosa	50 15	99 50	515	951·8	1016·8	- 2·2	271·1	276·3	29th	259·5	245·8	20th	265·3	264·9	+ 1·5	41	+50
318	ǂBerens River	52 18	97 23	216	..	..	..	268·6	278·6	10th,30th	249·6	234·1	20th	259·1	..	- 3·1	75	
319	Pagwa	50 3	85 18	189	..	..	..	270·4	280·2	10th	252·9	242·4	1,21,22	261·7	..	+ 0·6	52	+ 1
320	Moose Factory	51 14	80 30	9·1	1006·4	1007·6	..	?266·6	?273·0	30th	252·2	240·2	2nd	?259·4	?259·3	- 1·5	..	..
321	Fort George	53 50	79 5	975	..	..	..	..	..		..	..		..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	267·4	274·1	11th,27th	253·8	239·1	16th	260·6	..	- 2·7	42	+50
323	Natashquan	50 8	61 48	6·1	..	..	..	272·1	278·6	19th	262·7	251·3	5th	267·4	..	+ 3·3	142	
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	..	..	‡	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1007·8	1009·5	- 3·3	282·3	285·1	1st	277·8	272·4	22nd	280·1	280·2	- 0·2	161	+50
335	Aberdeen	57 10	W. 2 6	26·0	1004·3	1007·6	- 1·8	279·6	286·6	27th	274·0	268·9	19th	276·8	276·7	- 0·6	34	-28
336	Greenwich	51 28	0 0	46·3	..	1011·1	- 2·2	283·8	290·2	28th	275·3	269·1	20th	279·6	279·1	+ 0·6	37	-
337	Uccle	50 48	E. 4 22	100	1000·5	1012·8	- 1·8	284·9	291·9	4th	275·1	271·7	1st	280·0	279·1	+ 1·5	31	-20
338	De Bilt	52 6	5 11	3·0	1010·9	1011·3	- 1·9	283·0	290·0	29th	273·6	269·9	2nd	278·3	277·8	+ 0·2	26	-21
338a	Hamburg	53 33	9 58	40·3	1007·0	1012·0	- 0·8	280·4	290·3	29th	273·8	268·5	2nd	277·1	276·6	+ 0·2	29	-17
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1009·9	1010·5	- 1·8	278·7	283·7	30th	273·0	269·9	1st	275·9	275·8	+ 1·9	20	-12
340	Potsdam	52 23	13 4	84·9	1001·7	1012·2	- 1·1	281·9	289·4	10th	273·2	268·8	13th	277·5	276·9	+ 0·1	29	- 2
340a	Uppsala	59 51	17 38	24	1004·1	1007·1	- 4·3	278·4	286·8	2nd	269·7	261·2	16th	274·1	273·8	+ 3·1	21	- 2
341	Warsaw	52 13	21 3	88·3	1001·4	1012·4	- 2·8	280·7	288·0	10th	272·5	265·5	16th	276·6	276·0	..	36	+30
342	Tartu (Ülikooli)	58 23	26 43	80·8	997·5	1007·7	- 5·4	275·4	282·3	3rd	269·6	260·2	17th	273·0	272·4	+ 2·6	56	+30
343	Leningrad	59 56	30 16	4·8	1005·8	1006·4	- 6·5	..	..	..	..	..	..	..	271·5	+ 2·7	44	+30
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	
344a	Moscow	55 50	37 33	164	988·0	1009·4	- 7·7	..	..	..	..	..	..	..	270·8	+ 2·1	55	+30
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..	..	
346	Kazan	55 47	49 8	80·6	1000·3	1010·4	-10·1	273·5	281·0	30th	266·2	252·0	3rd	269·9	270·2	+ 3·4	44	+30
347	Orenburg	51 45	55 6	109	1000·8	1014·6	- 9·4	..	..	..	..	..	..	..	271·0	+ 5·8	10	-12
348	Perm	58 1	56 16	163	988·8	1009·6	-10·1	..	..	..	..	..	..	..	267·1	+ 1·2	60	+30
349	Sverdlovsk	56 50	60 38	281	974·8	1010·3	-10·9	..	..	..	..	..	..	..	267·9	+ 2·3	27	+30
350	Tobolsk	58 12	68 14	108	998·6	1012·5	- 7·8	..	..	..	..	..	..	..	265·9	+ 1·9	23	
351	Akmolinsk	51 12	71 23	347	976·0	1020·2	- 7·5	..	..	..	..	..	..	..	266·5	+ 4·6	192	+170
352	Omsk	55 1	73 19	108	1002·8	1016·8	- 7·2	..	..	..	..	..	..	..	265·8	+ 4·6	3	-
353	Barnaoul	53 20	83 47	158	1003·0	1023·6	- 4·2	..	..	..	..	..	..	..	264·2	+ 1·5	8	-
354*	Tomsk	56 30	84 58	123	1003·5	1019·4	- 5·6	..	..	..	..	..	..	..	265·0	+ 2·6	29	+ 1
355	Minousinsk	53 43	91 41	249	994·3	1026·3	- 1·5	..	..	..	..	..	..	..	267·3	+ 4·2	7	-
356	Eniseisk	58 27	92 10	81·2	1009·2	1019·8	- 3·3	..	..	..	..	..	..	..	263·5	+ 1·1	7	-
357	Irkutsk	52 16	104 19	467	966·2	1026·2	- 1·1	..	..	..	..	..	..	..	263·7	+ 0·8	3	-
358	Kirensk	57 47	108 7	278	985·8	1021·9	- 2·0	..	..	..	..	..	..	..	263·3	+ 3·2	4	-
359	Tchita	52 2	113 30	685	937·5	1024·5	+ 0·5	..	..	..	..	..	..	..	261·7	+ 0·7	33	+30
360	Nertchinskii Zavod	51 19	119 37	621	945·1	1024·2	+ 1·0	..	..	..	..	..	..	..	261·9	+ 2·7	11	+60
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	-
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	1002·8	1021·2	+ 2·4	..	..	..	..	..	..	..	265·5	+ 1·9	6	-
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1014·7	1020·3	+ 6·3	..	..	..	..	..	..	..	263·2	+ 3·2	9	+
366	Okhotsk	59 21	143 17	5·5	1021·2	1021·9	+ 6·3	..	..	..	..	..	..	..	260·3	+ 1·6	10	+
368	Petropavlovsk (Phare)	52 53	158 43	87·1	1008·8	1020·1	+12·9	..	..	..	..	..	..	..	265·6	- 0·5	111	+20
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	-
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	-
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
ǂChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

MARCH - ZONE 4.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1009·7	1018·3	+ 2·6	283·7	291·9	28th	277·3	273·0	12th	280·5	280·1	+ 1·1	57	- 5
412	Portland, Oregon	45 32	122 41	46·6	1013·5	1018·9	+ 1·8	287·9	301·3	28th	278·4	273·6	1st	283·2	282·8	+ 2·3	56	-66
413	Macleod	49 44	113 24	953	..	..	..	277·5	289·7	29th	267·3	246·3	20th	272·4	272·4	+ 2·3	38	+21
414	Helena	46 34	112 4	ǂ*1257	872·8	1018·6	+ 1·2	277·6	288·0	11th	266·6	248·6	2nd	272·1	271·9	- 0·8	27	+ 7
414a	Salt Lake City	40 46	111 54	1329	866·0	1014·9	- 0·4	283·5	290·2	21st	274·4	268·6	1st	279·0	279·4	+ 0·8	19	-33
415	Cheyenne	41 8	104 48	1856	809·4	1016·6	+ 0·2	277·4	287·4	16th	265·9	250·8	2nd	271·7	272·3	- 1·8	22	- 1
416	North Platte	41 8	100 45	860	915·1	1016·2	- 0·8	283·0	295·8	15th	268·0	258·6	2nd	275·5	275·3	+ 0·3	7	-14
416a	Bismarck	46 47	100 38	510	954·0	1016·6	- 1·8	276·0	285·8	19th	265·5	253·6	2nd	270·8	270·7	+ 2·3	0	-26
417	Winnipeg	49 53	97 7	232	986·4	1016·3	..	271·1	277·4	9th	260·6	248·0	20th	265·8	265·3	+ 2·2	25	- 4
418	Duluth	46 47	92 6	345	970·3	1013·2	- 4·7	274·4	283·0	12th	263·8	249·7	2nd	269·1	268·7	+ 0·5	8	-32
419	ǂPort Arthur	48 27	89 12	196	987·8	1012·7	- 4·6	272·3	279·1	9th	263·3	251·9	21st	267·8	267·7	+ 1·9	25	+ 3
420	Chicago	41 47	87 35	205	986·9	1012·2	- 4·7	279·3	295·8	16th	271·3	263·6	2nd	275·3	274·8	- 0·3	72	+ 6
421	Toronto	43 40	79 24	116	995·4	1010·0	- 7·6	275·6	283·6	20th	269·0	263·6	2nd,3rd	272·3	272·1	+ 0·6	81	+20
422	ǂNew York (Central Park)	40 47	73 58	47·4	1003·2	1009·1	- 7·3	281·7	290·2	13th	273·4	265·2	3rd	277·6	277·4	+ 0·9	57	-38
423	ǂSt. John, N.B.	45 17	66 4	36·3	1000·3	1004·9	..	275·9	281·9	11th	268·1	257·4	4th	272·0	272·6	+ 1·0	131	+16
424	S.W. Point, Anticosti	49 24	63 33	9·1	1000·7	1001·9	..	270·6	275·2	12th,13th	265·9	256·9	5th	268·3	268·6	+ 1·4	78	+32
424a	Sable Island (Main Station)	43 57	60 6	7·6	1007·3	1008·3	..	276·3	280·8	19th	270·7	264·1	17th	273·5	273·2	+ 0·5	61	-52
425	Port aux Basques	47 35	59 10	9·1	1002·9	1004·1	- 6·7	272·2	275·8	11th	266·8	259·1	1st	269·5	269·5	+ 0·9	168	+49
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	938·0	1016·0	- 1·0	288·3	295·2	31st	278·0	273·2	3rd	283·2	282·7	+ 1·6	36	0
436	Nantes	47 15	W. 1 34	36·5	1007·6	1012·1	- 2·8	285·6	290·5	6th	277·2	272·0	20th	281·4	281·0	+ 0·8	71	+ 8
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1006·6	1012·8	- 2·2	285·2	291·5	28th	276·0	271·5	21st	280·6	280·4	+ 1·1	58	+20
438	Marseille	43 18	5 23	75	..	1012·4	- 1·1	288·9	294·9	28th	279·4	274·3	21st	284·2	283·5	+ 0·5	60	+13
438a	Zürich	47 23	8 33	493	955·6	1014·7	- 1·1	283·9	291·3	28th	274·8	270·2	21st	279·4	278·7	+ 1·5	74	- 1
439	Rome	41 54	12 29	45·5	1008·1	1013·5	+ 0·3	289·7	292·5	18th,27th	280·8	275·7	13th,14th	285·2	285·0	+ 1·7	49	-24
440	Vienna	48 15	16 22	203	988·7	1013·4	- 1·4	283·0	291·4	18th	276·0	271·3	7th	279·5	279·4	+ 2·1	56	+ 9
440a	Budapest	47 31	19 1	130	997·7	1013·6	- 1·5	285·5	291·5	18th	276·7	272·0	13th	281·1	280·6	+ 2·0	47	+ 1
441	Sofia	42 42	23 20	550	949·7	1014·9	- 2·9	287·2	298·0	20th	274·8	268·3	14th	281·0	280·4	+ 2·3	21	-21
442	Bucharest	44 25	26 6	82	1004·3	1014·3	- 1·7	288·1	298·3	20th	275·3	269·2	2nd	281·7	281·0	+ 3·0	18	-24
443	Odessa (Observatory)	46 26	30 46	42·8	1008·7	1014·0	- 2·7	280·7	285·5	17th	273·7	264·0	2nd	277·2	277·1	+ 1·5	4	-23
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1011·4	1016·0	- 0·6	..	..	..	..	..	..	..	..	..	..	..
445	Tiflis	41 43	44 48	404	969·9	1018·4	- 0·4	285·5	294·5	30th	276·1	267·5	1st	280·8	280·3	+ 0·6	11	-18
446	Astrekhan	46 21	48 2	-20	1019·2	1016·8	- 3·7	..	..	..	..	..	..	..	280·9	+ 1·8	36	-15
447	Fort Alexandrovsk	44 31	50 7	-23·0	1019·2	1016·4	- 3·3	..	..	..	..	..	..	..	276·1	+ 2·7	18	+ 7
448	Krasnovodsk	40 0	52 59	-4·6	1019·2	1018·6	+ 0·2	..	..	..	..	..	..	..	275·7	+ 0·3	28	+18
449	Kasalinsk	45 46	62 8	66·7	..	..	..	..	..	..	..	..	..	..	281·2	- 0·4	5	-14
450	Tashkent	41 20	69 18	479	963·5	1019·6	- 0·7	287·3	295·7	16th	276·1	261·9	2nd	281·7	281·2	+ 0·5	27	-36
451	Andijan	40 47	72 23	503	961·0	1021·3	..	286·3	297·6	31st	274·4	257·4	2nd	280·8	280·4	..	1	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	276·6	..	12	..
461	Moukden	41 46	123 24	44·3	1016·0	1021·5	+ 0·4	281·2	191·1	24th	270·1	261·5	6th	275·7	275·2	+ 3·2	28	+ 9
462	Joshin	40 40	129 12	31·9	1017·8	1021·8	+ 3·5	279·1	285·8	16th	271·2	267·0	8th	275·1	274·8	+ 1·2	28	+ 7
463	Yuki	42 20	130 24	63·8	1013·7	1021·8	+ 3·5	276·7	285·9	16th	269·2	260·6	7th	272·9	272·9	+ 1·3	26	+ 3
464	Vladivostok	43 7	131 54	128	1004·7	1021·1	+ 2·8	..	..	..	..	..	..	..	270·9	+ 0·7	36	+20
465	Ochiai	47 20	142 47	27·4	1015·4	1018·9	+ 6·2	273·0	279·7	18th	264·2	247·1	6th	268·6	268·6	+ 3·2	91	+60
466	Nemuro	43 20	145 35	26·7	1014·7	1018·1	+ 4·6	275·7	284·6	29th	268·3	258·3	7th	272·0	272·1	+ 1·6	50	- 5
466a	Syana	45 14	147 53	39·3	1012·8	1017·8	+ 5·2	275·3	285·0	29th	268·3	255·9	8th	271·8	271·9	+ 3·5	75	+13
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

MARCH - ZONE 5 (AMERICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
508	35°-30°N.145°-140°W	††31 54	††142 4	$(35)	..	1022·3	- 1·0	..	..	Sea Temp. 290·2	+1·1	..	..	..	..	289·1	+ 0·6	..	..
511	San Francisco	37 48	122 26	47·2	1009·6	1015·2	- 2·8	290·9	300·8	26th		283·3	279·7	15th	287·1	286·5	+ 2·5	90	+10
512	Sacramento	38 35	121 30	21·0	1012·5	1014·9	- 2·2	292·2	300·2	26th		280·8	275·8	1st	286·5	286·6	+ 1·1	73	+ 2
513	San Diego	32 43	117 10	26·5	1011·6	1014·9	- 2·1	292·4	300·8	24th		284·3	279·1	15th	288·3	288·0	+ 1·7	77	+39
514	Modena	37 48	113 54	1668	831·2	1012·8	- 0·9	284·6	293·0	25th		269·7	258·6	1st	277·1	277·4	+ 1·0	10	-21
515	Sante Fé	35 41	105 57	2138	783·7	1013·2	- 0·9	282·2	289·1	22nd		269·6	261·3	1st	275·9	276·1	- 1·2	17	- 3
516	Denver	39 45	105 0	1613	834·7	1015·6	+ 0·4	282·3	293·6	15th		269·4	259·1	2nd	275·9	276·2	- 0·9	11	-13
517	Abilene	32 23	99 40	530	954·0	1015·9	- 0·1	292·6	301·3	17th		278·2	268·0	3rd	285·3	284·4	- 0·9	25	- 4
518	Saint Louis	38 38	90 12	173	992·6	1013·5	- 3·8	285·2	294·1	20th		274·6	265·2	2nd	279·9	279·3	+ 0·1	25	-64
519	Mobile	30 41	88 2	17·4	1014·0	1015·9	- 2·2	290·7	297·4	18th		282·4	274·1	3rd	286·6	286·6	- 1·8	82	-82
520	Nashville	36 10	86 47	166	994·8	1014·9	- 3·5	287·1	294·7	17th		276·0	266·9	3rd	281·6	281·4	- 1·1	131	+ 1
521	Charleston	32 47	79 56	14·6	1012·6	1014·2	- 4·2	289·8	295·2	1st		281·6	271·3	3rd	285·7	286·0	- 1·5	106	+20
522	Washington	38 54	77 3	34·1	1006·7	1010·8	- 6·8	285·9	296·9	17th		274·5	266·9	3rd	280·2	279·8	+ 1·1	57	-40
524	Bermuda	32 17	64 46	38·1	1010·9	1016·4	..	293·7	296·3	25th		287·5	283·0	5th	290·6	290·3	+ 0·1	192	+71
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.			°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
*Weight changed from 1253m. to 1257m. from March 1st.
†Estimates not based on at least six equally spaced observations each day are in italics.
$Number of observations.
ǂChange of normals, see Table of Authorities, pages 105-15.

MARCH - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
530	Santa Cruz (Flores)	39 27	31 9	40	1011·7	1016·3	- 2·9	290·1	294·5	14th	285·1	280·5	4th	287·6	287·5	+ 0·6	162	+ 8
531	Horta	38 32	28 38	65	1009·1	1016·9	- 4·1	289·8	292·8	22nd	285·4	282·5	16th	287·6	287·3	- 0·1	101	+52
532	Ponta Delgada	37 44	25 40	22	1014·1	1016·7	- 3·9	289·2	291·2	22nd	285·9	283·7	17th	287·5	287·5	+ 0·4	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	131	+15
533	Madeira (Funchal)	32 38	16 55	25	1015·2	1018·2	- 0·7	291·6	294·0	4th,8th	286·8	284·5	1st	289·2	289·5	+ 1·1	73	-54
535	Lisbon	38 43	9 9	95	1005·0	1016·4	+ 0·4	290·1	295·4	27th	283·3	278·7	3rd	286·7	286·4	+ 1·0	57	-30
535a	Melilla	35 17	2 59	40	1012·9	1017·7	+ 0·3	291·0	293·6	22nd	285·1	281·9	1st	288·1	287·9	+ 1·1	1	-76
536	Gibraltar	36 6	5 21	27·4	..	1017·0	- 0·2	292·2	295·8	30th	283·3	279·7	3rd	287·7	286·9	+ 0·5	45	-75
536a	Colomb-Béchar	31 37	W. 2 13	769	926·7	1013·3	- 1·2	297·9	304·4	16th	281·9	275·2	12th	289·9	289·5	+ 2·0	0	- 6
537	Palma	39 34	E. 2 39	23	1011·8	1014·6	- 1·0	291·2	295·2	22nd	279·0	274·6	6th	285·1	284·9	- 0·6	43	+ 4
538	Algiers (University)	36 46	3 13	59	1008·8	1015·9	+ 0·5	291·8	298·5	22nd	284·8	280·1	25th	288·3	287·8	+ 0·9	52	-25
538a	Gadames	30 8	9 30	351	..	..	..	301·2	314·3	19th	284·2	277·6	1st	292·7	..	+ 2·5	19	+18
539	Tunis	36 48	10 10	66	1007·2	1015·1	- 0·7	291·3	299·3	17th	281·8	277·5	7th	286·6	286·2	+ 0·7	52	+ 3
540	Malta	35 54	14 31	71·2	..	1014·7	+ 0·9	290·0	295·2	18th,19th	284·5	281·3	12th	287·3	286·5	+ 0·4	8	-36
541	Athens	37 58	23 43	107	1002·1	1015·0	+ 0·7	290·8	296·2	21st	281·8	277·0	1st	286·3	285·9	+ 1·5	12	-21
542	Alexandria	31 12	29 53	32·0	1012·2	1016·0	+ 0·6	294·8	303·4	27th	285·9	283·6	11th	290·4	289·4	+ 0·3	0	-14
543	Ankara (Angora)	39 58	32 48	861	915·3	1015·3	- 0·9	287·3	297·5	21st	273·1	265·1	3rd	280·2	280·3	..	28	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1014·6	+ 0·1	293·2	299·7	22nd	280·2	275·8	6th	286·7	..	+ 1·0	16	-29
544	Beirut	33 54	35 28	33·7	..	1015·3	+ 0·4	293·3	300·2	13th	285·9	282·4	3rd	289·6	289·4	+ 1·1	15	-20
545	Hinaidi	33 17	44 29	32·9	1010·2	1014·1	0·0	297·2	302·7	30th	282·4	276·3	1st	289·8	289·8	+ 0·5	0	- 9
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	869·1	1004·5	..	289·8	301·3	5th	277·0	269·7	1st	283·4	283·6	+ 0·8	20	-30
548	Meshed	36 17	59 36	946	..	..	..	286·4	298·1	14th,15th	..	..	..	..	..	..	68	+11
549	Seistan	31 2	61 30	? 610	958·2	..	..	296·3	303·4	16th	282·1	269·7	1st	289·2	..	+ 0·5	3	- 8
550	Quetta	30 10	67 1	1647	835·9	..	- 0·5	291·7	298·6	26th	276·4	269·1	1st, 2nd	284·1	284·3	+ 0·5	12	-31
551	Peshawar	34 1	71 35	355	972·4	1013·6	- 1·5	299·4	305·8	25th,26th	284·9	276·9	2nd, 3rd	292·2	291·8	+ 1·8	39	-15
551a	Lahore	31 35	74 20	214	986·1	1011·0	- 1·6	303·1	309·7	29th	286·3	281·3	3rd, 4th	294·7	294·3	+ 0·8	1	-21
552	Simla	31 6	77 10	2202	780·9	..	+ 0·1	287·8	293·6	23rd	280·7	274·1	8th, 9th	284·3	284·5	+ 1·2	25	-41
552a	Leh	34 9	77 34	3503	666·6	..	+ 1·7	..	..	..	266·1	255·8	5th	..	..	..	28	+21
558	Sian	34 31	109 5	365	973·1	1015·7	..	291·0	303·0	24th,25th	280·4	273·5	12th	285·7	289·2	..	17	..
559	Hankow	30 35	114 17	37·0	..	1021·9	+ 0·3	290·0	301·9	25th	281·4	273·7	6th	285·7	285·3	+ 1·9	102	+35
560	Tientsin	39 9	117 9	6·4	..	1021·9	- 0·2	285·6	295·5	22nd	274·6	269·7	7th	280·1	279·7	+ 1·9	2	- 8
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1019·7	1020·5	- 0·7	288·3	296·9	24th	279·3	274·0	8th, 9th	283·8	283·0	+ 2·2	100	+13
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1012·1	1020·8	+ 0·2	283·2	292·1	27th	275·1	270·4	8th	279·2	278·6	+ 2·8	97	+69
562a	Nagasaki	32 44	129 52	133	1003·3	1019·4	+ 0·5	287·8	295·2	26th	280·2	275·3	21st	284·0	283·7	+ 1·6	138	+ 4
563	Kyoto	35 1	135 44	42·9	1014·7	1020·0	+ 2·2	287·2	296·1	26th	276·7	270·2	22nd	281·9	281·3	+ 2·1	98	-21
564	Tokyo	35 41	139 46	5·8	1018·3	1019·0	+ 2·6	286·0	295·3	29th	277·4	270·4	12th	281·7	281·8	+ 1·9	162	+50
565	Hukusima	37 45	140 28	68·5	1011·3	1019·8	+ 3·3	284·5	293·5	27th	274·9	269·5	12th	279·7	279·1	+ 2·2	77	+19
566	Miyako	39 38	141 59	30·4	1015·0	1018·8	+ 3·2	282·7	294·7	29th	272·6	265·2	7th	277·7	277·1	+ 1·5	164	+78
		N.	E.															

MARCH - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	♯Midway Island	28 13	177 22	5·8	1017·6	1018·3	..	295·0	299·7	9th	286·4	281·9	26th	290·7	290·1	- 1·2	76	-22
605	Honolulu	21 19	157 52	11·6	1015·2	1016·6	- 0·7	297·3	299·7	19th	292·3	286·9	12th	294·8	294·7	0·0	53	- 1
613	Guaymas	27 55	110 53	8·3	1012·5	1013·5	..	299·0	306·8	22nd	289·2	285·6	19th	294·1	294·0	- 0·5	5	-23
615	Leon	21 7	101 41	1809	819·6	1008·0	- 1·6	300·6	303·5	16th	283·1	279·0	30th	291·9	291·6	+ 0·3	0	- 7
616	Monterrey	25 40	100 18	528	953·2	1013·5	- 0·1	297·3	310·0	6th	285·6	276·8	28th	291·5	290·7	- 1·6	14	-20
617	Tulancingo	20 5	98 22	2181	788·1	..	- 1·1	299·2	304·4	21st	280·4	274·6	8th	289·8	289·9	- 0·1	0	-44
618	Galveston	29 18	94 50	16·5	1015·2	1017·3	0·0	290·8	295·8	24th	284·6	276·3	3rd	287·7	287·7	- 2·1	27	+10
618a	New Orleans	29 57	90 4	16·2	1014·5	1016·6	- 0·7	291·9	300·2	18th	284·4	277·4	4th	288·1	288·1	- 1·8	149	+ 9
619	Merida, Yucatan	20 58	89 38	22	1010·7	1013·2	- 2·0	303·1	309·6	18th	293·7	286·6	5th	298·4	297·7	- 0·2	41	+ 3
620	Havana	23 7	82 25	77·0	1005·5	1014·4	- 2·9	299·7	304·7	20th	292·0	285·1	5th	295·9	295·7	..	38	-29
620a	Key West	24 33	81 48	6·7	1014·6	1015·2	- 2·5	298·2	302·4	22nd	292·3	284·1	4th	295·3	294·9	- 0·4	94	+ 4
621	Nassau, Bahamas	25 5	77 20	9·6	..	..	..	299·1	303·6	20th	292·3	285·8	6th	295·7	295·5	- 0·1	43	..
622	San Salvador (Watling Island)	24 6	74 26	33·5	1014·5	1018·4	- 0·2	..	300·8	10,11,27	..	289·7	4th	..	296·7	- 0·4	..	..
633	Port Etienne	20 56	17 3	4	1012·9	1013·4	..	297·7	302·0	20th	286·1	283·9	3rd	291·9	290·2	..	0	..
634m	♯Izaña	28 19	16 30	2367	765·8	..	- 0·5	283·9	289·3	28th	276·3	271·6	10th	280·1	280·2	+ 2·4	53	- 1
634	La Laguna	28 28	16 20	547	951·6	1015·2	- 2·2	290·4	294·5	4th	283·1	279·0	3rd	286·8	286·2	+ 0·6	66	-15
636	Adrar	27 52	W. 0 17	? 285	..	..	..	..	..	..	..	..	..	..	..	..	0	..
638	Tamanrasset(Fort Laperrine)	22 45	E. 5 0	?1350	864·8	1009·2	..	301·0	303·4	25th	283·6	278·2	10th	292·3	292·7	..	0	..
639	Sebha	27 1	14 27	424	..	..	..	..	..	..	..	..	..	..	..	..	0	..
640	Hon	29 8	15 56	263	..	..	..	297·6	300·2	19th	..	..	..	..	..	..	..	..
641	Giarabub	29 45	24 31	49	..	..	..	303·3	309·4	21st	285·9	283·0	5th	294·6	..	..	0	- 2
642	Siwa	29 12	25 29	- 23	1018·3	1015·6	- 1·1	298·6	308·0	20th	280·4	275·9	1st	289·5	288·6	+ 0·1	0	- 2
643	Cairo (Helwan)	29 52	31 20	116	1001·8	1015·4	0·0	297·3	305·6	20th	283·8	279·2	4th	290·6	290·4	+ 0·3	8	+ 3
643a	Aswan	24 2	32 53	100	1002·3	1013·8	+ 0·1	304·0	310·7	27th	286·4	279·7	5th	295·2	294·4	+ 0·3	..	..
644	Tor	28 14	33 37	1·9	1013·1	1013·2	- 0·4	297·3	303·0	20th,27th	286·0	280·5	5th	291·6	291·6	+ 0·5	0	- 2
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

MARCH - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	E.															
647	Bushire	28 59	50 49	4·3	1013·6	1014·2	..	296·2	305·5	31st	288·7	284·3	7th	292·4	291·8	+ 0·8	8	-16
648	Jask	25 45	57 45	4·0	1011·8	1012·3	..	300·6	304·3	29th,30th	293·7	290·0	4th	297·1	296·5	+ 1·3	21	+ 1
649	Karachi	24 48	66 59	4·0	1012·0	1012·5	- 0·8	300·7	306·3	10th	293·6	289·7	3rd,16th	297·1	296·5	+ 0·6	0	- 8
650	Jacobabad	28 17	68 29	56·7	1004·8	1011·4	- 0·9	306·8	312·4	26th,27th	289·5	284·1	2nd,23rd	298·1	297·6	+ 1·1	2	- 5
651	Jaipur	26 55	75 50	436	963·0	1012·0	- 0·5	306·3	310·8	27th,28th	288·9	284·1	9th	297·6	297·4	+ 0·6	9	- 1
652	Nagpur	21 9	79 7	310	976·6	1011·5	- 0·5	310·6	313·0	24th,25th	291·7	286·3	10th	301·1	300·7	+ 0·1	0	-13
653a	Allahabad	25 26	81 50	94·2	999·8	1010·7	- 1·1	307·8	312·4	27th,29th	290·1	286·9	4 days	298·9	298·5	+ 1·0	3	- 5
654	Darjeeling	27 3	88 16	2265	775·5	..	- 0·1	286·0	289·6	18th	279·4	275·7	10th	282·7	282·9	+ 0·2	74	+27
	Calcutta	22 32	88 20	6·4	1010·2	1011·0	- 0·7	307·1	310·2	3rd	294·6	290·2	5th,6th	300·8	300·3	+ 1·1	11	-26
655	Gauhati	26 11	91 45	59·7	1005·8	1012·8	- 0·1	301·2	306·1	4th	289·8	286·3	6th	295·5	294·6	+ 0·1	87	+29
655a	Cherrapunji	25 15	91 44	1313	868·8	..	- 0·6	292·8	295·8	22nd	285·3	282·0	10th	289·1	288·4	0·0	212	-26
656	Akyab	20 8	92 55	6·1	1011·5	1012·2	- 0·2	303·7	306·1	23rd	293·2	289·2	1st	298·4	298·5	- 0·4	7	- 5
656a	Mandalay	21 59	96 6	76·2	1002·8	1011·5	- 0·2	309·1	311·7	22nd	293·8	289·7	12th	301·4	301·0	+ 0·1	10	+ 5
657	Tengyueh	25 0	98 40	1634	835·4	1011·8	..	292·7	298·0	23rd	278·8	274·7	1st	285·7	285·3	- 0·4	..	..
658	Phu Lien	20 48	106 38	116	..	1016·0	+ 1·6	293·5	300·5	30th	288·9	282·0	9th	291·2	290·8	- 1·2	48	+ 3
659	Moncay *	21 31	107 58	9·0	..	1016·0	+ 1·4	294·6	302·0	28th	288·4	282·4	7th	291·5	290·8	- 0·4	84	+14
660	Hongkong	22 18	114 10	33·2	..	1016·7	+ 0·7	293·4	298·0	3rd,29th	288·6	281·4	7th	291·0	290·7	+ 0·4	184	+109
	Amoy	24 26	118 4	4·9	1018·9	1019·5	+ 0·1	290·8	297·4	28th	285·9	281·3	13th	288·3	287·9	- 0·4	136	+47
661	Taihoku, Formosa	25 2	121 31	9·3	1017·4	1018·5	+ 0·8	294·9	303·2	27th	286·7	278·9	14th	290·8	290·2	+ 0·2	170	- 3
661a	Basco	20 28	121 59	18·7	..	1014·3	+ 0·7	300·1	303·0	30th	294·9	292·6	25th	297·5	297·1	+ 0·2	150	+37
662	Naha	26 12	127 39	29·5	1014·0	1017·5	+ 0·1	294·2	298·1	2nd	288·9	283·6	17th	291·5	291·5	+ 0·6	231	+76
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1018·5	1019·0	+ 2·0	295·3	298·1	7th	289·2	284·4	18th	292·3	292·1	+ 0·8	85	-25
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

MARCH - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N.	W.															
715	Colima	19 12	103 45	498	956·7	1012·6	+ 0·4	306·3	309·0	25th	288·5	284·7	31st	297·4	295·9	- 0·5	0	0
716	Morelia	19 42	101 7	1923	808·4	1007·6	- 2·0	297·9	300·8	15th	283·3	280·2	25th	290·6	290·9	+ 0·5	0	-11
717	Mexico, Tacubaya	19 24	99 12	2309	773·2	..	- 1·1	300·5	303·7	15th	279·8	277·5	3rd	290·1	289·4	+ 1·1	0	-10
718	Salina Cruz	16 12	95 12	56	1004·2	1010·6	- 1·8	302·6	305·9	16th	295·1	292·8	5th	298·9	299·1	- 0·2	0	- 9
719	San Salvador	13 42	89 13	682	936·8	1012·1	- 0·3	308·6	310·2	25th	290·7	287·0	3rd	299·7	296·8	+ 0·1	0	-13
720	Belize	17 31	88 11	5·2	1013·7	1014·3	- 0·7	302·1	303·6	21st,24th	296·1	289·1	4th	299·1	298·7	+ 0·1	79	+47
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·9	- 0·9	302·8	305·0	sev.dates	294·2	290·8	6th	298·5	298·1	+ 0·7	9	-62
722	Port au Prince	18 33	72 20	37·4	1010·1	1014·4	- 1·2	303·9	308·0	26th	293·7	291·8	1st	298·8	298·8	+ 0·4	8	-86
723	Caracas	10 30	66 56	1043	898·2	1012·8	..	301·0	304·2	7th	288·7	285·6	25th,26th	294·9	291·6	- 0·2	1	-14
724	Grenada (Richmond Hill)	12 5	61 46	188	993·0	1014·4	+ 0·9	303·8	304·7	sev.dates	296·2	295·2	1,4,9	300·0	299·5	+ 1·6	57	-11
724a	San Juan, Porto Rico	18 19	66 7	25·0	1012·5	1015·6	- 1·0	300·7	304·1	25th	294·1	291·3	3rd	297·4	297·3	+ 0·4	44	-36
	Grenada (Richmond Hill)	12 5	61 46	188	993·0	1014·4	+ 0·9	303·8	304·7	sev.dates	296·2	295·2	1,4,9	300·0	299·5	+ 1·6	57	-11
725	Barbados	13 8	59 36	57·9	..	1014·8	+ 0·1	302·4	303·9	20th	294·2	292·3	15th	298·3	298·0	+ 0·2	4	-44
731	São Vicente, C. Verde Is.	16 54	25 4	11	1013·4	1014·7	+ 0·1	296·7	298·3	4th	293·0	292·0	5,6,7	294·9	294·9	+ 0·5	5	+ 4
732	São Tiago, C. Verde Is.	14 54	23 31	34	1010·9	1014·9	+ 0·3	298·9	301·6	12th,13th	292·7	290·6	3rd,4th	295·8	295·7	- 0·5	0	- 2
733	Dakar	14 40	17 26	32	..	1012·2	..	299·2	306·8	30th	290·6	288·9	2nd	294·9	293·2	- 0·2	0	0
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	298·5	305·8	30th	291·5	289·7	23rd	295·0	294·6	- 2·3	0	..
735	Niénébalé	12 57	7 26	300	..	..	..	311·7	314·0	16th	293·3	284·5	29th	302·5	302·3	..	0	..
736	Kabara	16 45	W. 3 1	273	..	..	..	308·6	314·0	25th	290·3	287·0	5th	299·5	299·3	..	0	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	311·8	315·8	27th,28th	293·9	290·2	10th,26th	302·8	302·6	- 0·7	0	- 3
738	Kaduna Capital	10 32	7 25	2637	..	..	..	307·6	310·5	17th	292·3	288·6	16th	299·9	299·6	- 0·7	93	+79
739	Hadeija	12 40	10 5	?	..	..	..	311·8	316·3	27th,28th	290·6	288·0	8,9,10	301·2	300·9	- 0·4	0	0
740	Maiduguri	11 47	13 11	361	..	..	..	311·5	316·3	27th,28th	..	..	..	..	‡301·3	- 1·3	0	0
741	♯El Fasher	13 32	25 18	730	926·8	1008·7	..	309·2	313·5	27,28,30	285·0	277·5	10th	297·1	295·4	- 1·3	1	0
743	El Obeid	13 11	30 14	563	946·6	1009·2	+ 1·0	308·5	313·5	29th	287·1	280·8	10th	297·8	296·9	- 0·7	0	- 2
743a	Khartoum	15 37	32 33	390	965·9	1009·6	+ 1·1	307·9	313·8	29th	291·0	284·4	10th	299·4	299·8	- 0·6	0	0
744	Port Sudan	19 37	37 13	5·5	1011·6	1012·3	+ 0·3	301·8	306·8	27th	291·9	288·5	6th	296·8	296·8	0·0	0	- 1
745	Berbera, Somaliland	10 26	45 2	13·8	1010·3	1011·9	- 0·5	302·6	303·6	27,29,30	296·6	293·0	15th	299·6	299·4	+ 0·3	0	-16
746	Aden	12 49	45 2	29·9	1009·7	1013·0	+ 0·1	303·1	305·4	13th	297·2	294·8	19th	300·1	299·4	+ 0·7	1	-11
751	Bombay	18 54	72 49	11·3	1010·7	1011·9	- 0·8	303·5	307·4	6th	295·3	293·6	10th,14th	299·4	299·3	0·0	0	- 2
752	Kodaikanal	10 14	77 28	2343	772·2	..	0·0	293·9	295·7	17th	283·0	279·5	1st	288·5	288·1	+ 0·4	14	-37
752a	Bangalore	12 58	77 35	921	911·5	1011·5	- 0·1	306·6	308·3	16th	291·4	286·6	2nd	299·0	298·4	+ 0·6	12	0
753	Madras	13 4	80 15	6·7	1010·9	1011·8	- 0·8	305·3	307·6	11th	295·6	292·4	1st	300·5	299·6	+ 0·2	0	- 5
754	Visagapatam	17 42	83 18	38·4	1007·5	1011·8	- 0·5	303·0	305·3	31st	295·9	292·0	3rd	299·5	298·6	- 1·3	0	- 8
755	Port Blair	11 40	92 43	18·0	1009·6	1011·6	- 0·6	303·3	305·4	10th	297·7	295·6	7th	300·5	299·6	- 0·8	131	+112
756	Rangoon	16 46	96 11	5·5	1011·7	1012·4	+ 0·1	307·7	310·8	1st	294·9	292·6	2nd	301·3	299·8	- 0·4	50	+42
757	Cap St. Jacques	10 20	107 45	180	..	1011·6	..	301·3	303·3	5th,31st	296·6	293·6	5th	299·0	298·6	- 0·5	0	- 4
758	Whatrang	12 15	109 12	3·6	..	1012·7	..	302·0	304·1	29th,31st	294·6	292·1	23rd	298·3	297·8	- 0·6	19	-33
759	Bolinao	16 23	119 53	2	..	1011·5	+ 0·9	305·9	308·3	26th	..	..	..	..	300·0	- 0·1	0	-13
761	Vigan	17 34	120 23	12·2	..	1011·7	+ 0·5	304·1	305·8	9th,30th	296·1	294·0	21st	300·1	299·7	- 0·3	0	- 8
761a	Manila	14 35	120 59	14·2	..	1012·1	+ 0·8	306·7	308·4	29th	294·6	291·7	6th	300·7	299·8	+ 0·3	4	-14
762	Ormoc	11 0	124 36	5·6	..	1010·8	+ 0·9	305·2	307·2	31st	294·1	291·3	6th	299·7	299·6	+ 0·6	37	-62
765	♯Guam, Ladrone Is.	13 24	144 38	18·6	..	1011·2	+ 1·3	303·0	304·0	24th,27th	296·9	295·0	4th	299·9	299·9	+ 0·1	27	-55
766	Saipan	15 14	145 46	207	990·0	1010·3	..	300·1	301·3	11th	294·9	293·2	24th	297·5	297·1	..	45	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

MARCH - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	◊Fanning Island	3 54	159 23	5·3	1010·5	1011·1	+ 0·4	304·4	306·3	15th,17th	298·1	296·3	2nd,9th	301·3	300·9	+ 0·6	271	- 2
821	Cristobal	9 23	79 54	11·0	..	1010·8	- 1·2	302·9	304·1	10th	298·6	295·8	19th	300·7	300·3	+ 0·9	27	- 1
822	Bogota	4 36	74 5	2645	746·3	..	+ 0·5	293·7	296·0	22nd	283·1	280·5	26th	288·4	287·5	+ 0·6	98	- 1
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	1007·8	1012·1	+ 0·8	306·0	308·2	18th	296·1	294·6	28th	301·0	300·4	+ 0·1	2	- 3
824	El Peru, Guayanavieja	7 19	61 49	220	985·8	1010·7	- 0·3	304·4	307·1	19th	294·6	292·6	28th	299·5	298·9	+ 1·4	18	- 5
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·9	+ 0·1	302·2	303·0	18,22,29	297·4	295·8	7th,29th	299·8	299·4	+ 0·4	28	-14
826	Paramaribo	5 49	55 9	3·7	1012·6	1013·0	+ 0·1	303·6	307·7	22nd	295·3	293·3	28th	299·5	299·2	+ 0·5	102	-10
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	148	-25
831	10°-5°N. 30°-25°W.	††7 4	††27 4	§(97-116)	..	1013·5	+ 1·6	..	..	Sea Temp. 298·0|-0·7	..	..	..	..	297·7	- 0·8	..	..
833	◊Konakri	9 31	13 43	16	..	..	..	303·8	306·0	30th	295·9	293·9	10th	299·9	300·3	- 1·2	0	- 1
834	Freetown, Sierra Leone	8 29	13 14	55·0	1004·6	1010·9	+ 1·9	302·9	305·2	5th	295·4	293·6	6th,8th	299·2	298·5	- 1·8	23	- 3
835	Assuantsi	5 18	1 15	97·3	999·7	1010·8	..	304·9	306·9	7th	294·7	292·4	10th	299·8	299·1	0·0	67	- 2
836	Accra	5 33	W. 0 12	17·7	1007·9	1009·9	+ 0·6	..	..	..	299·4	295·8	6th	..	‡302·8	+ 1·1	30	- 2
837	Lagos	6 27	E. 3 24	3·0	1008·7	1009·1	+ 0·2	304·8	306·3	17th,25th	298·7	295·2	5th	301·7	301·2	+ 0·1	83	+ 2
838	Victoria, Nigeria	4 1	9 12	15·5	1008·9	1010·6	..	304·7	305·2	sev.dates	294·9	293·0	8th,10th	299·8	299·2	..	188	+ 7
839	Yola	9 12	12 30	259	..	..	..	312·2	314·7	28th	297·4	293·6	8th,9th	304·8	304·5	+ 0·2	28	+ 2
841	◊Wau	7 42	28 3	440	958·6	1006·6	- 0·2	311·3	315·0	27th	..	..	..	..	‡301·5	..	9	- 1
843	Malakal (Kodok)	9 35	31 37	394	963·0	1006·2	- 0·4	311·6	314·2	15th	293·2	289·5	3rd	302·4	301·3	- 1·0	5	- 3
843a	Mongalla	5 11	31 47	448	958·3	1007·6	+ 0·7	309·5	315·0	14th	295·6	291·0	9th	302·6	301·7	+ 0·3	7	+ 1
844	Entebbe	0 5	32 29	1171	884·0	1010·2	+ 0·8	298·8	300·2	sev.dates	290·2	288·0	22nd	294·5	294·2	- 0·6	169	- 1
845	Sheikh	9 55	45 15	1463	..	..	..	297·8	301·9	24th	286·4	280·2	15th	292·1	291·4	..	33	- 1
851	Minicoy	8 18	73 0	2·7	1011·4	1011·6	- 0·6	304·5	305·4	24th	298·2	295·1	1st	301·3	300·4	..	10	- 1
851a	Cochin	9 58	76 14	2·7	1011·5	1011·8	- 0·2	304·5	307·1	23rd	298·6	295·2	1st	301·5	300·6	- 0·5	22	- 2
852	Colombo Observatory	6 54	79 52	7·3	..	1010·1	+ 0·1	304·6	306·1	22nd	296·4	295·2	13th,14th	300·5	299·6	+ 0·5	68	- 4
853	Nuwara Eliya	6 58	80 46	1881	814·2	1013·3	+ 0·6	294·9	296·9	7th	281·0	275·7	7th	287·9	286·8	+ 0·2	57	+ 2
854	Trincomalee	8 35	81 15	30·2	..	1009·9	- 0·1	302·7	304·3	28th	297·7	295·1	8th	300·2	299·3	+ 0·1	60	- 3
855	Kuta Raja	5 32	95 20	7·1	..	1009·0	- 1·6	..	..	..	..	..	..	..	..	..	326	+25
856	Medan	3 35	98 41	25	..	1009·4	- 0·8	304·8	306·8	18th	296·0	293·3	9th	300·4	299·6	+ 0·8	301	+19
857	Penang	5 34	100 20	5·0	..	..	..	306·2	307·4	sev.dates	298·8	297·4	sev.dates	302·5	302·0	+ 1·2	115	- 2
857a	Butterworth	5 25	100 22	2·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	998·8	1009·2	- 0·7	303·5	305·2	sev.dates	296·2	294·7	10th	299·8	299·2	..	187	- 3
859	Sandakan	5 50	118 7	31·7	..	..	..	304·1	305·2	11,12,31	296·7	295·8	10,19,25	300·4	300·4	+ 0·2	93	-13
860	Iwahig	9 44	118 38	14·3	..	1010·6	+ 1·1	304·8	306·2	31st	294·7	291·0	6th	299·7	299·8	+ 0·4	6	- 5
861	Tagbilaran	9 38	123 51	21·3	..	1010·5	+ 0·5	304·8	307·0	30th	295·1	292·7	17th	299·9	299·3	+ 0·1	25	- 9
861a	Menado	1 30	124 50	8·5	..	1010·0	+ 0·2	302·8	304·7	12th	295·2	293·0	20th	299·0	298·7	0·0	..	..
862	Surigao	9 48	125 29	6·0	..	1011·4	+ 1·0	302·7	304·2	21st	296·6	294·6	16th	299·7	299·3	+ 0·4	192	+12
863	◊Kolonie, Yap	9 29	138 8	29·3	..	1011·2	+ 1·6	303·0	304·2	22nd	297·8	296·4	22nd	300·4	299·6	- 0·2	34	- 5
864	Palau	7 20	134 29	31·8	1007·3	1010·9	..	302·5	303·9	17th,25th	296·9	296·3	15th,18th	299·7	299·4	..	117	- 2
867	Ponape	6 58 N.	158 13 E.	38·9	1005·3	1009·7	..	302·0	303·9	1st,7th	297·6	295·0	24th	299·8	299·6	..	356	..

MARCH - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	1009·1	1009·3	..	302·5	303·8	10th	300·7	297·3	1st	301·6	301·3	..	363	..
920	Lambayeque	6 46	80 55	15	1009·8	1011·5	..	306·7	308·2	14th	291·1	289·0	31st	298·9	297·6	..	3	..
921	Quito	0 14	78 30	2816	728·3	..	+ 0·7	293·4	296·8	7th,11th	281·6	279·1	15th	287·5	286·1	+ 0·3	151	..
923	Senna Madureira	9 4	68 40	135	993·6	1008·8	..	305·9	309·3	6th	292·9	290·1	18th	299·4	298·5	..	268	..
923a	São Gabriel do Rio Negro	0 8	67 5	85·0	1000·3	1010·0	..	305·2	309·8	28th	295·5	293·7	28th	300·4	299·3	..	203	- 5
924	Manaos	3 8	60 1	43·8	..	..	..	303·4	306·2	8th	295·4	293·2	17th	299·4	299·0	+ 0·1	210	- 5
926	Taperinha	2 30	54 20	21·5	1009·2	1011·8	+ 0·6	303·1	304·4	3,21,23	295·8	294·2	18th	299·4	298·7	+ 0·6	209	-101
927	Turyassu	1 43	45 26	9·1	1010·0	1011·1	+ 0·4	303·6	305·3	20th	295·4	293·4	28th	299·5	299·1	+ 0·7	242	-184
928	Barra do Corda	5 30	45 16	81·0	1002·6	1012·0	..	303·4	306·5	16th	295·0	293·9	3rd,13th	299·2	298·0	- 0·1	290	+122
929	Quixeramobim	5 16	39 15	207	988·7	1012·0	+ 0·7	304·5	306·8	13th	297·7	293·8	31st	301·1	300·7	+ 0·7	117	- 53
930	Fernando Noronha	3 50	32 25	106	1000·0	1011·9	+ 0·3	302·3	303·6	28th	298·2	296·8	17th	300·2	299·6	+ 1·1	86	-231
934	Ascension Island	7 56	W. 14 25	16·8	1012·1	1013·9	+ 1·1	..	..	..	..	..	..	..	299·9	+ 0·1	0	- 24
939	Loanda	8 49	E. 13 13	59·3	..	1011·0	+ 0·8	301·5	303·5	29th	296·8	295·3	30th	299·1	298·5	- 0·6	119	+ 9
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	293·3	295·4	..	284·1	281·8	..	288·7	289·1	..	238	..
943	Masaka	0 20	31 44	1280	..	..	..	301·2	301·9	2nd,17th	291·6	291·3	sev.dates	296·4	295·7	..	193	+91
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	820·5	1012·7	..	295·3	297·0	2nd,25th	286·8	283·2	13th	291·0	290·1	..	279	..
944a	Zanzibar	6 10	39 12	17·1	1010·7	1012·6	+ 0·3	302·6	305·0	5th	298·3	296·1	13th	300·5	299·9	- 0·9	488	+36
945	Lamu	2 16	40 50	3·0	..	..	..	303·5	304·7	20th,27th	298·6	295·2	6th	301·1	300·7	+ 0·1	58	+ 9
947	Seychelles, Port Office	4 37	55 27	4·6	1009·8	1010·3	- 0·2	302·8	304·6	22nd	297·2	295·6	13th	300·0	299·5	+ 0·4	160	- 9
957	Padang	0 56	100 22	6·7	..	1010·2	- 0·4	303·8	305·6	17th	296·8	295·7	14th	300·3	299·6	+ 0·1	348	+44
958	Batavia	6 11	106 50	8·0	1008·8	1009·7	- 0·1	303·7	304·9	27th	297·1	296·1	26th	300·4	299·7	+ 0·7	51	-144
958a	Pontianak	0 1	109 20	2·6	..	1009·8	- 0·3	305·3	307·7	19th	297·4	296·0	28th	301·3	300·2	+ 0·6	408	+25
959	Pasuruan	7 38	112 55	5·0	..	1009·3	- 0·2	304·3	305·3	18th	297·0	296·0	19th	300·7	300·0	+ 0·6	176	+ 5
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	492	..
962	Amboina	3 42	128 10	4·2	..	1009·2	+ 0·3	305·0	307·3	11th	298·1	296·6	27th	301·5	300·9	+ 1·1	79	- 5
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	357	+17
965	Daru	9 4	143 13	7·6	..	1010·1	+ 0·5	303·3	..	..	..	..	..	..	..	..	447	+14
966	Port Moresby	9 29	147 9	38·4	..	1009·9	+ 0·6	303·9	..	..	..	..	..	..	299·8	+ 0·1	241	+ 6
967	Rabaul	4 9	152 12	12·5	1007·2	1008·6	+ 0·5	305·3	307·2	30th	296·2	295·2	28th	300·8	300·2	+ 0·3	239	- 5
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?303·9	?305·6	9th	?297·4	?295·4	14th	?300·7	?300·4	0·0	296	- 7
970	Ocean Island	0 52	169 35	42·6	1004·8	1009·8	- 0·2	304·1	305·8	7,24,27	298·4	297·4	5th,9th	301·3	300·7	+ 0·4	349	+15
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
§Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
◊Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

MARCH - ZONE 10.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1009·0	- 0·1	303·2	304·4	13th	297·2	295·0	1st	300·2	300·0	+ 0·4	181	-174
1003	◊Alofi, Niue Island	19 2	169 55	19·8	..	1010·5	- 0·5	303·8	305·8	9th	290·9	288·6	26th,27th	297·4	297·1	- 2·4	378	+62
1021	Lima	12 5	77 3	111	996·3	1009·2	..	300·9	303·0	13th	291·6	289·2	1st	296·3	294·5	..	0	..
1022	Arica	18 28	70 20	5	1010·8	1011·4	..	296·5	298·3	20th	288·2	287·0	16th,30th	292·3	294·2	- 1·6	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	659·2	..	+ 1·1	291·3	294·0	26th	278·6	275·0	29th	284·9	283·8	+ 0·5	34	-37
1025	Corumba	18 59	57 39	116	997·0	1009·9	+ 1·1	306·9	309·2	8th, 17th	294·3	289·2	3rd	300·6	299·8	+ 0·5	20	-111
1026	Cuyaba	15 36	56 6	165	991·2	1009·9	+ 0·6	306·1	309·1	8th	295·2	292·3	28th	300·6	299·1	+ 0·5	126	-85
1027	Bello Horizonte	19 56	43 56	895	915·4	1013·4	+ 1·4	302·4	304·6	18th	290·1	289·0	29th	296·3	295·9	+ 1·1	106	-80
1028	Castite	14 3	42 37	897	915·4	1013·2	+ 0·9	302·2	305·7	17th	291·3	288·5	16th	296·8	296·5	+ 0·5	89	-13
1029	Ondina (Bahia)	13 0	38 31	46·6	1006·6	1011·9	- 0·3	302·3	305·1	3rd	296·2	294·4	24th	299·2	299·2	+ 0·1	312	+161
1030	Aracaju	10 55	37 3	6·1	1011·8	1012·6	- 0·5	302·9	305·3	27th	296·4	294·1	5th	299·6	299·4	..	117	..
1035	◊St. Helena	15 57	W. 5 40	579	946·5	1012·9	+ 0·5	..	..	..	288·9	288·0	sev.dates	..	291·1	- 0·3	84	-18
1039	Mossamedes	15 12	E. 12 9	12·5	1011·6	1013·1	..	..	..	..	..	..	..	..	..	..	0	..
1041	Livingstone	17 51	25 51	972	905·8	1011·0	..	303·1	308·6	28th	291·3	286·9	15th	297·2	..	- 0·2	80	-57
1041a	Elizabethville	11 39	27 28	1230	875·9	1007·4	- 0·5	300·1	303·0	28th	289·3	286·3	12th	294·7	..	- 0·3	192	-28
1042	Gwelo	19 26	29 45	1411	..	..	..	297·6	301·3	25,27,28	287·3	283·6	17th	292·4	..	- 0·9	41	-44
1043	Salisbury (Dept.Agric.)	17 48	31 5	1489	853·6	1012·7	+ 0·6	297·5	302·4	27th	287·8	284·7	17,19,22	292·7	291·6	- 0·5	95	-24
1044	Zomba	15 23	35 18	955	905·5	1009·2	0·0	298·4	302·4	11th	291·0	289·1	17,18,23	294·7	294·1	- 0·1	146	-85
1045	Mossuril	14 57	40 40	15	..	1011·7	..	304·8	306·5	27th	295·9	294·9	5th,17th	300·3	300·1	..	82	..
1046	Antenanarivo	18 55	47 33	1375	864·7	1012·1	+ 1·5	300·0	303·2	21st	287·9	284·1	19th	294·0	292·4	- 0·3	36	-149
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1008·4	1009·0	- 1·5	303·7	304·9	10th	298·9	296·0	24th	301·3	300·9	+ 0·6	150	-78
1057	Christmas Island	10 25	105 43	5·5	1007·5	1008·2	+ 0·5	304·0	305·2	sev.dates	298·3	296·3	24th,25th	301·2	300·7	+ 0·5	184	-82
1061	Kupang	10 10	123 34	45	1004·3	1009·4	+ 0·2	304·5	306·8	31st	296·4	293·9	27th	300·5	299·8	+ 0·3	93	-129
1061a	Derby	17 18	123 40	16·2	1008·9	1010·7	+ 1·8	307·8	311·5	12th	298·8	296·9	18th,19th	303·3	..	+ 0·2	60	-49
1062	Hall's Creek	18 13	127 46	373	969·9	1010·8	+ 2·0	308·1	310·4	15th	293·4	288·1	25th	300·8	300·4	- 0·5	7	-69
1063	Darwin	12 28	130 51	29·6	1004·8	1008·1	+ 0·7	305·1	308·2	30th	297·7	295·1	1st	301·4	300·3	- 0·5	171	-81
1064	Daly Waters	16 16	133 23	211	985·8	1009·2	+ 1·7	307·1	310·8	16th	294·3	289·7	24th	300·7	300·3	- 1·0	166	+46
1065	Palmerville	15 56	144 8	210	986·5	1009·9	+ 1·9	305·3	308·0	18th	293·8	290·9	8th	299·6	..	- 0·4	69	-115
1066	Georgetown, Queensland	18 22	143 32	302	978·2	1011·8	+ 2·6	305·5	308·6	17th	291·6	288·0	7,23,24	298·5	..	- 1·4	6	-118
1066a	Willis Island	16 18	149 59	8·5	1008·6	1009·8	+ 0·6	302·4	304·1	19th	297·7	295·5	2nd	300·1	300·1	- 0·3	171	0
1067	Samarai	10 37	150 40	6·1	..	1009·4	+ 1·5	..	..	..	297·0	..	..	..	..	‡301·7	+ 0·8	319	+47
1072	Suva, Fiji	18 8	178 26	6·1	1008·5	1009·2	+ 0·8	303·2	306·3	10th	297·2	294·1	22nd	300·2	299·9	+ 0·5	361	- 7
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 20° S. AND 30° S.

MARCH - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	302·3	304·1	20th	295·4	293·0	23rd,25th	298·9	298·6	+ 0·2	602	+308
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1009·4	1012·2	- 2·6	294·8	296·1	12th	289·5	287·8	1st	292·1	292·2	+ 2·0	0	- 1
1122	◊Antofagasta	23 42	70 24	94	1002·0	1013·0	- 1·6	296·9	299·2	23rd	289·8	287·4	14th	293·3	292·8	+ 0·3	0	0
1123	Catamarca	28 29	65 47	528	950·6	1009·1	- 0·2	305·6	311·5	11th	292·0	284·5	24th	298·8	298·1	+ 1·2	35	-10
1124	Salta	24 46	65 24	1182	..	..	..	..	..	..	..	..	..	..	..	..	60	-43
1125	Goya	29 9	59 15	37	1007·7	1012·0	+ 0·5	304·1	309·1	11th	291·2	285·5	21st	297·6	296·5	- 0·2	296	+155
1126	◊Asuncion	25 17	57 41	93	1003·0	1013·6	+ 2·7	306·6	312·8	15th	294·7	289·2	2nd	300·6	299·7	+ 0·8	128	- 6
1127	Curityba	25 25	49 17	908	913·9	1014·3	+ 0·5	299·6	304·7	13th	288·0	281·7	3rd	293·8	292·7	+ 0·6	22	-92
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1010·8	1012·9	+ 0·1	302·1	307·4	7th	295·4	292·4	27th	298·8	298·5	+ 0·5	201	+66
1139	Windhoek	22 34	E. 17 6	1727	830·5	1011·0	..	299·7	303·2	2nd	286·8	280·9	26th	293·2	292·8	- 0·9	6	-79
1140	O'Okiep	29 36	17 52	933	910·6	1013·2	+ 0·5	300·4	307·4	18th	287·9	281·3	27th	294·2	293·6	- 0·6	3	- 8
1141	◊Kimberley	28 44	24 46	1218	880·8	1012·0	+ 0·4	301·7	307·8	4th	287·8	283·2	11th	294·7	294·2	+ 0·3	72	- 7
1141a	Johannesburg	26 11	28 4	1806	824·4	1015·2	+ 0·1	295·8	301·8	3rd	284·1	278·9	13th	289·9	289·4	- 0·5	71	-42
1142	Bulawayo	20 9	28 35	1349	868·5	1013·3	+ 0·1	299·7	303·6	25,28,29	287·4	283·0	30th	293·6	293·0	0·0	37	-49
1143	Durban	29 52	31 3	15·2	1014·4	1016·2	- 1·0	300·5	305·7	3rd	293·8	290·8	12th	297·1	296·5	+ 0·5	116	-20
1144	Lourenco Marques	25 58	32 36	59·5	..	1015·6	+ 0·6	301·3	308·9	9th	293·5	290·9	13th	297·4	297·0	- 0·5	197	+91
1147	Mauritius	20 6	57 33	55·2	1006·5	1012·8	+ 0·8	302·1	303·3	28th	294·7	291·9	23rd	298·4	298·1	- 0·2	37	-201
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mb.	mb.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
◊Change of normals, see Table of Authorities, pages 105-15.

MARCH - ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	♯Onslow	21 43	114 57	4·3	1008·5	1009·0	+ 0·9	307·5	316·5	1st	296·3	291·6	3rd	301·9	..	- 0·3	139	+[illegible]
1160	♯Cue	27 27	117 52	454	961·9	1012·3	+ 1·4	305·2	312·0	4th	293·3	287·8	11th	299·2	..	- 0·7	46	+[illegible]
1161	Nullagine	21 53	120 5	386	..	..	..	308·7	313·6	1st	295·1	290·8	28,30,31	301·9	..	- 0·2	21	-[illegible]
1162	Laverton	28 40	122 23	466	962·7	1014·4	+ 0·9	306·0	313·6	1st	293·3	289·9	17th	299·7	299·6	+ 2·0	4	-[illegible]
1163	Alice Springs	23 38	133 37	587	948·2	1012·6	+ 2·1	305·8	311·3	12th	289·8	284·1	21st,22nd	297·8	298·1	- 0·1	5	-[illegible]
1164	William Creek	28 55	136 21	76·2	1007·7	1016·3	+ 2·3	307·2	314·1	8th	291·7	284·1	25th	299·4	299·2	+ 1·6	0	-[illegible]
1164a	Boulia	22 55	139 38	146	994·9	1011·1	+ 2·4	309·1	313·1	10th	293·4	289·3	27th	301·3	301·6	0·0	8	-[illegible]
1165	Thargomindah	27 58	143 43	123	1000·4	1014·2	+ 2·5	306·6	311·5	10th	293·4	289·2	25th	300·0	299·8	+ 0·7	0	-[illegible]
1166	Mitchell	26 32	147 52	336	977·6	1015·6	+ 3·2	303·6	308·3	7th	289·4	283·8	24th	296·5	..	+ 0·1	25	-[illegible]
1167	Rockhampton	23 24	150 30	11·3	1013·5	1014·8	+ 3·0	303·1	305·2	17th	293·2	291·4	5th	298·1	297·5	- 0·7	26	-[illegible]
1168	Brisbane	27 28	153 2	41·8	1013·4	1017·8	+ 3·3	299·9	303·3	19th	291·2	288·7	26th	295·6	294·9	- 0·9	72	-[illegible]
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1017·5	1019·3	+ 4·9	295·7	296·9	23rd	291·9	287·4	21st	293·8	293·5	- 1·0	52	-[illegible]

MARCH - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1221	Juan Fernandez	33 37	78 52	6	1016·6	1017·3	- 0·7	295·3	297·0	1st	289·8	287·0	20th	292·5	292·5	+ 0·7	36	-[illegible]
1221a	Punta Tumbes	36 37	73 6	120	999·2	1013·5	- 1·4	292·1	297·0	15th	283·6	280·0	28th	287·9	288·1	+ 0·4	2	-[illegible]
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1008·6	1013·4	- 1·2	296·1	302·5	1st	285·8	284·0	6th	290·9	290·9	+ 1·0	0	-[illegible]
1222a	Santiago	33 27	70 42	520	953·6	1012·9	- 0·7	300·2	305·0	1st	284·4	282·6	13th	292·3	291·4	+ 0·9	3	-[illegible]
1223	Cordoba	31 25	64 12	423	962·3	1010·1	- 1·7	302·1	309·4	16th	288·4	280·5	25th	295·3	294·9	+ 1·6	73	-[illegible]
1224	Bahia Blanca	38 45	62 16	28·7	1007·7	1011·1	- 2·1	300·8	308·8	27th	286·4	278·8	4th	293·6	293·1	+ 0·7	45	-[illegible]
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1009·4	1012·3	- 1·7	300·1	305·8	16th	288·3	280·7	20th	294·2	293·3	- 0·1	128	+[illegible]
1226	♯Montevideo (Prado)	34 52	56 12	24·9	1008·2	1011·5	- 2·9	298·2	303·8	16th	287·8	281·5	21st	293·0	292·8	- 0·5	217	+[illegible]
1226a	Porto Alegre	30 2	W. 51 13	23·5	1010·6	1013·3	- 1·2	301·4	310·3	12th	290·9	284·3	28th	296·1	295·8	0·0	144	+[illegible]
1239	Cape Town	33 56	E. 18 29	12·2	1014·0	1015·4	+ 1·2	299·8	313·0	15th	288·4	283·8	28th	294·1	292·4	+ 1·0	12	-[illegible]
1240	Danger Point	34 37	19 18	27·7	..	..	..	292·9	299·7	15th	287·2	283·0	29th	290·1	..	- 0·3	47	-[illegible]
1241	Riversdale	34 6	21 16	61·0	..	..	..	300·0	306·1	18th	287·1	280·9	30th	293·5	..	- 0·3	47	-[illegible]
1242	East London	33 1	27 54	45·4	1010·5	1015·8	+ 0·8	297·2	302·0	24th	290·2	283·8	28th	293·7	..	+ 0·4	153	+[illegible]
1259	Perth (Observatory)	31 57	115 51	60·0	1008·6	1015·7	+ 0·3	302·7	310·2	20th	291·9	285·8	3rd	297·3	296·8	+ 2·6	8	-[illegible]
1260	♯Katanning	33 42	117 35	310	981·4	1016·9	+ 0·9	301·6	309·2	20th	287·9	280·8	3rd	294·8	..	+ 2·6	21	-[illegible]
1261	♯Coolgardie	30 57	121 10	423	968·8	1016·5	+ 1·7	303·0	314·7	1st	290·1	285·8	31st	296·6	296·5	+ 1·5	38	+[illegible]
1262	Euela	31 45	128 58	4·6	1017·5	1018·1	+ 1·8	296·7	310·8	6th	290·8	285·8	24th	293·7	293·1	0·0	13	-[illegible]
1263	Streaky Bay	32 48	134 13	13·1	1017·5	1018·8	+ 1·9	302·6	312·3	6th	288·9	281·8	20th	295·7	295·0	+ 2·2	1	-[illegible]
1264	Adelaide	34 56	138 35	42·7	1015·0	1020·1	+ 2·9	302·6	314·3	2nd	288·8	282·3	18th	295·7	295·2	+ 1·7	1	-[illegible]
1265	Melbourne	37 49	144 58	35·1	1016·5	1020·7	+ 3·8	297·6	310·4	2nd	286·5	278·4	21st	292·0	291·6	+ 0·9	12	-[illegible]
1266	Bourke	30 13	145 58	110	1005·6	1018·0	+ 2·7	306·1	311·9	9th	291·1	285·2	26th	298·6	..	+ 0·3	14	-[illegible]
1267	Sydney	33 51	151 13	42·1	1015·0	1020·0	+ 3·6	296·2	301·2	8th	289·9	285·8	22nd	293·1	293·0	- 0·6	107	+[illegible]
1268	Lord Howe Island	31 20	159 0	4·9	1019·3	1019·8	+ 3·2	297·6	300·3	16th	291·6	287·5	26th	294·6	..	- 0·3	151	+[illegible]
1271	Auckland	36 51	174 48	13·4	..	1021·4	+ 3·8	295·1	297·3	2nd	286·5	283·1	28th,30th	290·8	..	- 0·5	6	-[illegible]
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	293·8	299·4	9th	284·1	277·4	28th	289·0	..	- 1·2	5	-[illegible]

MARCH - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1301	Chatham Island	43 52	176 42	45·7	..	1017·7	+ 5·0	..	..	..	..	..	..	..	..	..	37	-[illegible]
1321	Isla Guafo	43 34	74 45	140	999·0	1015·8	+ 0·1	286·0	288·2	27th	282·4	279·5	16th,17th	284·2	284·5	- 0·6	51	-[illegible]
1322	♯Punta Galera	40 1	73 44	40	1011·2	1016·0	+ 0·1	289·8	294·0	15th	283·6	281·0	sev.dates	286·7	286·8	+ 0·7	76	-[illegible]
1323	Sarmiento	45 33	69 1	272	976·3	1008·3	- 1·8	293·4	299·0	26th	281·0	273·3	19th	287·2	286·7	- 1·0	10	-[illegible]
1324	Puerto Madryn	42 46	W. 65 2	14	1008·2	1009·9	- 1·3	296·5	303·5	13th	281·2	273·2	19th	288·8	289·8	- 0·6	7	-[illegible]
1365	Launceston	41 27	E.147 10	81·1	1011·4	1020·9	+ 6·4	295·7	302·5	4th	283·2	276·4	24th	289·4	288·4	+ 0·9	20	-[illegible]
1366	Hobart	42 53	147 20	53·9	1013·0	1019·4	+ 5·4	293·9	303·1	29th	283·6	277·8	26th	288·8	287·8	+ 0·6	16	-[illegible]
1369	Invercargill	46 25	168 21	3·7	..	..	..	289·1	296·9	8th	280·1	274·1	8th	284·6	..	- 1·0	87	-[illegible]
1370	Alexandra	45 15	169 24	159	..	..	..	293·1	299·1	15th,16th	279·3	274·1	26th	286·2	286·2	..	2	-[illegible]
1371	Dunedin	45 52	170 31	6·1	..	1017·5	+ 3·9	290·8	296·3	8th	281·5	277·4	5,22,26	286·1	..	0·0	19	-[illegible]
1371a	Christchurch	43 32	172 39	7·6	..	1018·2	+ 3·1	292·2	299·8	16th	281·7	275·2	27th	286·9	..	- 0·5	13	-[illegible]
1372	Wellington	41 16 S.	174 46 E.	128	..	1019·7	+ 3·0	291·3	294·1	3rd	284·3	279·4	30th	287·8	287·0	- 1·1	10	-[illegible]

MARCH - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1421	♯Islota de los Evangelistas	52 24	75 6	55	996·4	1003·1	+ 1·2	282·0	283·5	sev.dates	277·9	274·5	7th	279·9	280·1	- 0·9	254	-[illegible]
1422	Magallanes (Punta Arenas)	53 10	70 54	28	995·4	998·8	- 2·4	284·3	291·0	1st	276·7	273·1	sev.dates	280·5	280·8	- 1·8	3	+[illegible]
1423	Punta Dungeness	52 24	68 26	5	997·6	998·2	- 2·6	284·7	291·2	21st	278·4	274·8	7th	281·5	281·6	- 1·4	59	+[illegible]
1424	Santa Cruz	50 1	68 31	13	1001·3	1002·9	- 1·2	289·5	298·0	4th	277·3	272·3	8th	283·4	282·9	- 2·6	46	-[illegible]
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	994·9	- 5·8	283·2	287·4	1st	275·8	270·8	8th	279·5	..	- 1·5	95	+[illegible]
1426	Cape Pembroke	51 41	57 42	21·3	992·0	994·6	- 6·7	282·7	285·8	17th	276·9	273·6	8th	279·8	280·1	- 1·4	..	..
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	990·6	991·1	- 4·8	280·1	292·1	1st	274·7	271·4	16th,24th	277·4	277·4	0·0	276	+[illegible]

MARCH - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1527	South Orkneys	60 43	44 47	7	985·2	986·1	- 4·7	273·9	278·0	24th	269·4	262·5	12th	271·6	271·9	- 0·5	46	-[illegible]

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, APRIL 1930

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF APRIL, 1930
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. APRIL - ZONE 1.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 58	178 33	6·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1021·3	+ 3·5	257·7	269·1	18th	250·3	234·1	6th	254·0	..	- 0·3	0	- 4
125	Upernivik	72 47	56 7	19·2	1012·3	1014·8	- 1·1	267·7	277·9	21st	259·7	248·0	2nd,3rd	263·7	263·6	+ 5·1	10	- 5
131	Myggbukta	73 30	21 30	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	1015·8	1018·0	..	270·3	278·4	19th	260·8	248·6	6th	265·5	266·6	..	59	..
135	Jan Mayen	70 59	W. 8 18	23·1	1012·6	1015·5	+ 2·4	..	279·8	25th	271·5	268·5	15th	..	273·8	+ 2·9	29	+ 4
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1020·6	1022·0	+ 9·0	..	276·5	3rd	260·3	247·6	12th	..	264·3	+ 4·9	69	+45
140	Björnöen	74 28	19 17	29·2	1017·2	1021·0	+ 8·4	..	277·5	3rd	268·2	258·8	13th	..	269·9	+ 3·7	13	-11
141	Ingöy	71 4	24 6	4·3	1018·5	1019·0	+ 7·3	..	279·8	4th	271·5	267·6	18th	..	273·1	+ 0·6	50	+18
142	Sletnes	71 5	28 14	10·2	1019·1	1020·4	+10·2	..	281·0	6th	270·1	263·2	14th	..	272·5	..	22	..
143	Vardö	70 22	31 5	11·8	1019·3	1020·8	+ 9·2	..	277·4	23rd	270·4	267·6	13th	..	272·2	+ 0·6	24	-16
147	Malye Karmakouly	72 23	52 43	15·3	1017·1	1019·1	+ 6·1	..	..	..	..	..	..	..	269·9	- 1·1	30	+19
148	Waigatz	70 24	58 47	11·2	1016·0	1017·5	+ 4·4	..	..	..	..	..	..	..	259·1	- 2·1	4	- 2
153	Dickson	73 31	80 23	13·0	1014·0	1015·7	+ 4·9	..	..	..	..	..	..	..	255·3	+ 0·7	2	- 2
162	Bouloune	70 45 N.	127 47 E.	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N. APRIL - ZONE 2.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
201	Preobrajenye	64 52	175 18	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	268·0	275·2	14,15,16	261·1	246·9	4th	264·6	..	..	7	..
203	♯Nome	64 30	165 24	6·7	1011·4	1012·2	+ 1·3	269·5	278·6	28th	260·9	244·7	4th	265·2	265·4	+ 0·6	20	+ 5
204	Bethel	60 45	161 47	11·6	..	1009·1	..	273·3	285·2	27th	263·2	245·2	3rd,6th	268·3	..	- 0·3	12	- 2
205	♯Tanana	65 10	152 6	69·5	1004·2	1012·5	+ 0·6	274·4	283·0	29th	260·4	240·8	4th	267·4	267·4	- 0·9	4	- 3
206	Rampart	65 30	150 15	114	..	..	..	271·8	283·0	29th,30th	259·4	240·2	7th	265·6	..	- 2·6	3	- 3
207	Valdez	61 7	146 16	122	..	..	..	277·4	283·0	28th	268·7	261·3	3rd	273·1	..	..	74	..
208	♯Eagle	64 46	141 12	248	980·7	1012·2	+ 0·4	276·6	284·1	28th,30th	263·4	248·6	6th	270·0	269·8	- 0·3	7	- 3
209	Dawson	64 4	139 29	324	970·9	1011·3	..	277·2	286·3	28th	264·0	253·0	13th	270·6	270·8	0·0	8	- 6
210	Aklavik	68 14	134 50	7·6	1016·1	1017·2	..	263·7	274·1	21st	251·0	239·7	8th	257·3	257·5	..	29	..
211	♯Fort Good Hope	66 15	128 38	65·2	1011·6	1020·3	..	267·2	280·8	21st	252·8	240·2	4th	260·0	..	- 2·8	11	- 7
212	Fort Simpson	61 52	121 35	129	997·5	1014·0	..	275·7	290·8	30th	263·2	251·3	20th	269·4	269·1	- 0·8	16	- 4
213	Hay River	60 51	115 57	161	992·7	1013·4	..	272·2	284·1	29th	258·4	245·8	2nd	265·3	265·2	- 2·8	18	+ 4
225	Jacobshavn	69 13	51 2	31·6	1005·0	1009·0	- 4·5	272·0	280·8	17th	265·1	252·8	4th	268·5	269·1	+ 5·8	12	0
226	Godthaab	64 10	51 43	20	..	..	..	275·5	282·4	27th	268·5	260·4	3rd	272·0	272·2	+ 2·3	2	-26
227	Ivigtut	61 12	48 10	30·0	?1007·5	?1011·3	+ 2·6	?276·2	..	..	?268·3	?262·2	4th	?272·3	?272·6	+ 0·2	..	..
229	Angmagsalik	65 36	37 33	29·3	1010·0	1013·7	+ 2·7	276·8	279·9	16th	269·3	261·0	2nd	273·1	272·9	+ 3·9	51	-12
231	Stykkisholm	65 5	22 46	25	..	1011·8	+ 1·8	280·1	286·4	28th	273·6	268·5	26th	276·9	276·7	+ 2·9	62	+24
232	Vestmanno	63 24	20 17	132	..	1010·7	+ 2·4	?280·1	?283·0	20th	?276·2	..	..	?278·1	278·3	+ 2·0	108	+11
233	Grimsey	66 33	18 1	22	..	1011·4	0·0	276·9	281·9	8th	..	..	..	..	275·4	+ 3·3	5	- 8
234	Teigarhorn	64 41	14 22	18	..	1010·8	+ 0·5	282·1	288·5	29th	274·7	269·6	1st	278·4	277·7	+ 3·3	143	+62
235	Bjejvig	62 3	6 45	22·9	1009·0	1011·8	+ 1·1	281·3	283·7	9th	276·7	272·9	23rd	279·0	278·9	+ 1·3	99	+ 6
236	Lerwick	60 8	W. 1 11	18·0	..	1011·7	+ 0·5	281·5	284·1	25th	278·2	275·8	13,18,21	279·8	279·8	+ 1·6	55	- 3
237	Bergen(Fredriksberg)	60 24	E. 5 19	44·4	1007·7	1013·2	+ 0·9	285·1	293·0	25th	278·2	273·1	22nd	281·7	281·3	+ 2·8	64	-32
238	Aalesund	62 28	6 10	6·3	1013·7	1014·5	+ 1·3	..	291·1	25th	277·4	273·3	21st	..	280·1	+ 2·1	32	-27
239	Trondheim	63 26	10 25	59·2	1008·3	1015·6	+ 3·9	283·3	291·7	25th	275·3	270·9	21st	279·3	279·5	+ 3·0	17	-28
240	Bodö	67 17	14 26	17·0	1015·1	1017·2	+ 6·0	..	286·3	25th	275·4	270·3	19th	..	278·1	+ 3·1	32	-19
241	Haparanda	65 50	24 9	9·2	1019·0	1020·2	+ 7·1	276·6	284·5	30th	270·0	264·0	18th	273·3	273·2	+ 1·8	24	- 2
242	Helsingfors	60 10	24 57	11·7	1017·1	1018·5	+ 4·4	281·5	288·0	30th	274·2	267·4	2nd	277·9	277·7	+ 3·1	39	+ 3
242a	Kuopio	62 55	27 40	233	991·5	1020·5	+ 7·1	279·7	284·6	24th	271·1	263·5	18th	275·4	275·4	+ 1·2	17	-16
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Archangelsk	64 34	40 31	6·3	1020·3	1021·1	+ 7·5	..	..	..	..	..	..	..	270·9	- 0·9	28	+ 9
246	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 25	52 18	? 68	1010·4	1019·2	+ 3·7	..	..	..	..	..	..	..	266·5	- 3·6	13	- 5
248	Tcherdyn	60 24	56 31	?208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	46	1012·0	1018·0	+ 1·1	..	..	..	..	..	..	..	264·8	- 3·2	19	+ 2
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Fort	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	1011·6	1017·9	+ 0·6	..	..	..	..	..	..	..	264·3	- 4·1	17	+ 1
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	1010·3	1016·3	+ 0·8	..	..	..	..	..	..	..	260·3	- 2·4	14	- 1
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	999·2	1013·1	- 0·3	..	..	..	..	..	..	..	264·9	- 0·2	3	- 6
263	Verkholansk	67 33	133 24	100	992·7	1005·7	- 5·7	..	..	..	..	..	..	..	260·6	+ 0·5	1	- 3
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Maiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Marlinskii Post	64 45	177 33	17·2	1013·0	1015·2	- 1·7	..	..	..	..	..	..	..	261·4	+ 2·9	2	- 3

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature								Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	‡St.Paul Island	57 15	170 10	28·0	..	1007·4	- 1·4	273·4	275·8	sev.dates	269·5	257·4	5th	271·5	..	+ 1·3	18	-20
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1008·8	1009·1	+ 1·2	278·1	284·1	13, 14, 20	272·1	262·4	6th	275·1	*274·9*	+ 0·3	39	-51
304	Chernofski Harbor	54 27	166 42	?	..	..	..	277·3	281·9	12th	272·6	263·6	6th	274·9	..	..	80	..
305	Dillingham	59 0	158 28	24·4	..	..	..	275·4	283·6	22nd	267·6	255·2	3rd,4th	271·5	..	+ 0·1	75	+44
306	‡Kodiak (Radio)	57 47	152 22	4·6	1005·8	1006·4	+ 0·3	280·1	286·3	23rd	271·9	262·4	3rd	276·0	*275·8*	+ 0·3	65	-20
309	Sitka	57 3	135 19	19·8	..	..	..	282·3	291·9	21st	272·8	269·1	7,16,17	277·5	..	- 1·4	115	-20
310	Prince Rupert	54 18	130 18	51·8	1006·1	1012·5	- 1·4	282·9	293·0	20th	275·9	271·9	10th	279·4	*279·6*	+ 0·5	141	-54
311	Prince George	53 50	122 48	570	943·7	1011·3	..	287·5	296·3	26th	272·2	265·2	12th	279·8	*279·8*	+ 2·1	13	- 7
312	Kamloops	50 41	120 29	385	968·1	1013·6	- 3·6	291·0	295·8	23rd	278·6	273·0	11th	284·8	*284·9*	+ 2·0	18	+ 7
313	Calgary	51 2	114 2	1058	891·3	1012·7	- 0·5	286·9	297·4	7th	272·6	267·4	16th	279·7	*279·8*	+ 2·1	76	+57
314	Fort Smith	60 0	111 52	183	988·0	1011·3	..	276·5	288·6	24th	263·1	246·9	22nd	269·8	*269·8*	+ 0·1	16	+ 1
315	‡Prince Albert	53 10	105 38	437	961·6	1014·5	- 1·6	284·3	290·2	8th	271·4	263·0	21st	277·8	*277·6*	+ 2·2	17	- 1
316	Qu'Appelle	50 30	103 47	651	937·9	1015·2	- 0·9	285·5	295·8	8th	273·2	264·1	21st,22nd	279·3	*279·2*	+ 3·1	21	- 1
317	‡Minnedosa	50 15	99 50	515	954·1	1016·2	+ 0·2	285·1	297·4	30th	271·4	260·8	1st	278·3	*277·7*	+ 2·6	25	+ 1
318	‡Berens River	52 18	97 23	216	..	..	..	281·1	290·2	30th	266·8	249·7	1st	273·9	..	+ 2·1	24	+ 1
319	Pagwa	50 3	85 18	189	..	..	..	280·4	291·9	29th	263·6	251·9	1st	272·0	..	- 1·3	30	-20
320	Moose Factory	51 14	80 30	9·1	1012·8	1014·0	..	275·2	288·0	30th	262·6	245·2	2nd	268·9	*268·9*	- 1·8	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	276·3	285·2	29th	262·7	250·2	3rd	269·5	..	- 1·7	..	+12
323	Natashquan	50 8	61 48	6·1	..	..	..	275·9	280·2	29th	268·1	255·2	16th	272·0	..	+ 0·6	102	+12
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	Sea Temp. 281·6|+0·3	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††58 59	††17 13	§ (61)	.. ..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1009·2	1010·9	- 2·2	284·0	289·0	29th	279·0	272·9	5th	281·5	281·5	- 0·5	83	+21
335	Aberdeen	57 10	W. 2 6	26·0	1008·3	1011·5	- 0·9	281·6	285·6	11th	277·5	273·9	5th	279·5	279·4	+ 0·2	78	+21
336	Greenwich	51 28	0 0	46·3	..	1008·9	- 5·3	286·6	295·2	25th	277·8	271·9	21st	282·2	281·8	+ 0·6	35	+ 1
337	Uccle	50 48	E. 4 22	100	996·3	1008·4	- 5·7	288·6	296·3	25th,28th	278·4	273·0	19th,20th	283·5	282·6	+ 1·8	60	+20
338	De Bilt	52 6	5 11	3·0	1007·8	1008·2	- 5·6	287·1	295·4	29th	277·5	271·8	12th	282·3	281·9	+ 0·9	24	- 2
338a	Hamburg	53 33	9 58	40·3	1005·0	1009·9	- 3·4	285·4	293·7	28th	278·4	273·3	4th	281·9	281·4	+ 1·0	34	+20
339	‡Copenhagen (Meteor.Inst.)	55 41	12 36	5·0	1011·8	1012·4	- 1·7	283·5	290·1	17th,25th	276·8	273·3	4th,13th	280·1	*280·1*	+ 2·0	26	+10
340	Potsdam	52 23	13 4	84·9	998·4	1008·7	- 5·4	286·8	297·1	26th	278·3	272·3	2nd	282·5	282·1	+ 1·3	55	+14
340a	Uppsala	59 51	17 38	24	1013·9	1016·8	+ 3·6	283·3	290·3	30th	273·1	266·9	2nd	278·2	278·1	+ 1·9	21	- 1
341	Warsaw	52 13	21 3	88·3	999·9	1011·6	- 3·2	287·1	297·1	25th	278·1	270·8	1st	282·6	*282·4*	..	59	- 1
342	Tartu (Ülikooli)	58 23	26 43	80·8	1007·6	1017·6	+ 3·7	284·7	291·5	16th	274·7	266·1	1st	279·7	279·5	+ 3·1	24	- 1
343	Leningrad	59 56	30 16	4·8	1018·4	1019·0	+ 4·5	..	..	..	..	..	..	..	*278·0*	+ 2·6	39	+10
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	999·1	1019·3	+ 2·8	..	..	..	..	..	..	..	*279·1*	+ 2·7	15	- 2
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..	..	..
346	Kazan	55 47	49 8	80·6	1011·6	1021·6	+ 2·5	284·2	297·2	23rd	273·5	266·4	28th	278·9	*278·4*	+ 1·9	16	- 1
347	Orenburg	51 45	55 6	109	1009·0	1022·5	+ 1·1	..	..	..	..	..	..	..	*279·3*	+ 2·0	16	- 1
348	Perm	58 1	56 16	163	999·9	1020·3	+ 1·1	..	..	..	..	..	..	..	*274·7*	- 0·6	25	+ 1
349	Sverdlovsk	56 50	60 38	281	984·4	1019·2	+ 0·3	..	..	..	..	..	..	..	*275·3*	+ 0·6	9	-21
350	Tobolsk	58 12	68 14	108	1005·8	1019·5	+ 0·5	..	..	..	..	..	..	..	*271·1*	- 2·8	8	+ 1
351	Akmolinsk	51 12	71 23	347	977·6	1021·1	- 2·0	..	..	..	..	..	..	..	*271·1*	- 3·1	16	+ 1
352	Omsk	55 1	72 19	108	1006·0	1019·8	- 0·3	..	..	..	..	..	..	..	*271·1*	- 2·1	6	+ 2
353	Barnaoul	53 20	83 47	158	1001·0	1021·1	- 0·6	..	..	..	..	..	..	..	*270·7*	- 3·2	44	+ 2
354	Tomsk	56 30	84 58	123	1003·0	1018·8	- 1·3	..	..	..	..	..	..	..	*269·6*	- 4·4	26	+ 2
355	Minousinsk	53 43	91 41	249	989·1	1020·4	- 0·4	..	..	..	..	..	..	..	*272·0*	- 3·3	2	+11
356	Eniseisk	58 27	92 10	81·2	1006·8	1017·3	- 0·5	..	..	..	..	..	..	..	*266·8*	- 4·8	33	+11
357	Irkutsk	52 16	104 19	467	959·8	1017·5	- 2·2	..	..	..	..	..	..	..	*271·8*	- 1·6	27	+ 1
358	Kirensk	57 47	108 7	278	980·0	1015·2	- 1·5	..	..	..	..	..	..	..	*268·6*	- 2·3	3	+ 1
359	Tchita	52 2	113 30	685	930·2	1013·3	- 1·5	..	..	..	..	..	..	..	*271·6*	- 1·9	35	+ 1
360	Nertchinskii Zavod	51 19	119 37	621	937·2	1012·4	- 0·7	..	..	..	..	..	..	..	*272·6*	- 0·1	21	+ 1
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeschchensk (Bureau Météor.)	50 16	127 30	142	994·3	1011·9	+ 0·4	..	..	..	..	..	..	..	*275·5*	+ 0·1	2	-21
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1004·3	1009·7	- 1·0	..	..	..	..	..	..	..	*269·9*	0·0	29	- 1
366	Okhotsk	59 21	143 17	5·5	1010·3	1011·0	- 1·8	..	..	..	..	..	..	..	*266·9*	+ 0·3	7	- 8
368	Petropavlovsk (Phare)	52 53	158 43	87·1	996·2	1007·2	- 2·0	..	..	..	..	..	..	..	*271·5*	+ 0·5	58	- 8
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° N.	° E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature								Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1006·1	1014·6	- 2·6	286·9	291·9	25th	279·7	276·3	10th,11th	283·3	*283·1*	+ 1·5	25	-14
412	Portland, Oregon	45 32	122 41	46·6	1010·5	1015·9	- 2·2	291·1	298·0	11th	281·4	276·3	2nd	286·2	*286·0*	+ 2·5	69	- 8
413	Macleod				..	..	..	288·7	298·6	27th	274·9	268·0	11th	281·8	*282·0*	+ 2·9	32	+15
414	Helena	49 44	113 24	953	..	..	..	288·7	298·6	27th	274·9	268·0	11th	281·8	*282·0*	+ 2·9	32	+15
414a	Salt Lake City	46 34	112 4	1257	871·5	1012·8	- 0·5	290·4	298·0	7th	276·8	270·8	1st	283·6	*283·4*	+ 4·1	20	- 8
415	Cheyenne	40 46	111 54	1329	865·9	1012·8	+ 0·6	292·7	300·2	21st	280·9	275·2	15th	286·8	*287·0*	+ 3·8	38	-15
416	North Platte	41 8	104 48	1856	812·0	1013·2	+ 1·7	289·3	297·4	8th	275·8	260·8	1st	282·5	*282·5*	+ 4·5	30	-17
416a	Bismarck	41 8	100 45	860	915·4	1014·2	+ 0·5	292·7	306·3	9th	278·1	267·4	1st	285·4	*285·2*	+ 3·3	88	+34
417	Winnipeg	46 47	100 38	510	954·6	1015·2	+ 0·1	289·2	300·2	8th	276·1	266·9	1st	282·7	*282·6*	+ 3·5	35	- 6
418	Duluth	49 53	97 7	232	988·5	1016·9	..	285·1	294·7	9th,10th	273·6	264·7	1st	279·3	*278·8*	+ 3·1	13	-23
419	‡Port Arthur	46 47	92 6	345	975·6	1017·6	+ 1·4	283·3	294·1	9th	272·4	265·2	1st	277·8	*277·3*	+ 1·7	48	- 4
420	Chicago	48 27	89 12	196	993·4	1017·7	+ 1·2	280·7	294·1	11th	271·2	264·7	22nd	275·9	*275·7*	+ 1·0	31	- 7
421	Toronto	41 47	87 35	205	992·2	1017·3	+ 1·4	287·0	305·2	11th	278·1	273·0	2nd	282·5	*281·5*	+ 0·9	58	-14
422	‡New York (Central Park)	43 40	79 24	116	1002·9	1017·3	+ 0·8	283·6	294·7	18th	274·5	269·1	8th,23rd	279·1	*278·7*	+ 0·5	31	-27
423	‡St. John, N.B.	40 47	73 58	47·4	1011·2	1017·0	+ 1·4	286·3	297·4	14th	277·9	272·4	24th	282·1	281·9	- 0·6	58	-28
424	S.W. Point, Anticosti	45 17	66 4	36·3	1009·5	1014·0	..	281·2	287·4	29th	272·1	264·7	17th	276·7	*276·3*	0·0	48	-41
424a	Sable Island (Main Station)	43 57	60 6	7·6	1014·2	1015·1	..	278·1	280·8	8th,9th	273·2	268·0	17th	275·7	*275·4*	- 0·3	85	- 8
425	Port aux Basques	47 35	59 10	9·1	1009·8	1011·0	- 2·5	275·0	278·6	30th	270·4	263·6	17th	272·7	*272·7*	- 0·9	116	+19
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid				..	..	..	..	..	..	..	..	..	..	..	..	..	..
436	Nantes	40 24	3 41	687	932·6	1010·3	- 5·0	287·5	295·5	1st	277·8	271·8	19th	282·7	*282·0*	- 1·8	77	+40
437	Paris (Parc St.Maur)	47 15	W. 1 34	36·5	1002·7	1007·1	- 7·5	287·8	294·6	28th	279·9	273·7	20th	283·9	283·6	+ 0·7	80	+29
438	Marseille	48 49	E. 2 30	50·3	1001·9	1007·9	- 6·0	289·1	297·4	28th	278·8	272·7	20th	283·9	283·7	+ 1·1	53	+ 9
438a	Zürich	43 18	5 23	75	..	1006·0	- 5·8	294·8	296·6	27th	280·6	276·6	19th	287·7	*285·3*	- 0·4	64	+ 9
439	Rome	47 23	8 33	493	949·9	1007·8	- 6·6	288·3	298·8	28th	278·0	273·5	20th	283·2	282·5	+ 0·9	168	+78
440	Vienna	41 54	12 29	45·5	1002·8	1008·1	- 4·7	291·9	300·0	28th	282·5	278·4	20th	287·2	*287·1*	+ 0·5	149	+83
440a	Budapest	48 15	16 22	203	983·1	1007·4	- 6·2	287·2	296·9	26th	279·6	273·9	1st	283·4	283·4	+ 0·5	59	+ 6
441	Sofia	47 31	19 1	130	992·3	1007·9	- 5·1	290·5	300·6	26th	281·1	274·2	1st	285·8	285·3	+ 1·2	92	+34
442	Bucharest	42 42	23 20	550	946·1	1010·2	- 3·1	290·5	300·4	26th	278·9	271·8	2nd	284·7	*284·2*	+ 1·1	68	+16
443	Odessa (Observatory)	44 25	26 6	82	1000·6	1010·5	- 3·0	292·1	301·4	26th	280·1	274·0	2nd	286·1	285·6	+ 1·4	76	+32
444	Kharkiv (University)	46 26	30 46	42·8	1007·5	1012·7	- 2·3	285·2	294·6	25th	279·3	269·7	1st	282·3	282·1	+ 0·5	50	+25
444a	Novorossiisk	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Tiflis	44 44	37 49	37·1	1008·8	1013·3	- 1·5	..	..	..	..	..	..	..	*284·8*	+ 1·3	37	- 7
446	Astrakhan	41 43	44 48	404	967·9	1015·4	- 0·8	289·7	296·3	24th	281·7	276·4	1st	285·7	285·3	+ 0·9	65	+ 9
447	Fort Alexandrovsk	46 21	48 2	-20	1021·1	1018·7	+ 1·4	..	..	..	..	..	..	..	*282·8*	+ 1·0	2	-10
448	Krasnovodsk	44 31	50 7	-23·0	1020·0	1017·2	+ 1·2	..	..	..	..	..	..	..	*283·7*	+ 0·9	6	- 8
449	Kamalinsk	40 0	52 59	- 4·6	1016·7	1016·1	+ 0·7	..	..	..	..	..	..	..	*287·3*	+ 0·6	6	-18
450	Tashkent	45 46	62 8	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Andijan	41 20	69 18	479	960·0	1015·9	+ 0·1	292·1	301·7	14th	280·2	273·3	10th	286·2	286·0	- 1·3	69	+15
452	Alma Ata	40 47	72 23	503	957·1	1015·5	..	294·1	302·8	15th	282·8	?274·2	8th	288·4	*287·9*	..	29	..
461	Moukden	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	*281·4*	..	122	..
462	Joshin	41 46	123 24	44·3	1008·8	1014·1	- 0·3	290·2	301·5	18th	277·0	263·4	7th	283·6	283·2	+ 1·6	37	+10
463	Yuki	40 40	129 12	31·9	1012·0	1015·9	+ 1·9	284·6	293·0	16th	276·2	269·7	1st	280·4	280·0	+ 0·4	18	-12
464	Vladivostok	42 20	130 24	63·8	1007·8	1015·7	+ 1·8	283·2	293·0	17th	274·8	268·0	1st	279·0	278·7	+ 0·4	14	-17
465	Ochiai	43 7	131 54	128	999·5	1015·4	+ 1·0	..	..	..	..	..	..	..	*277·2*	- 0·3	28	- 3
466	Nemuro	47 20	142 47	27·4	1009·6	1013·0	+ 1·4	278·9	284·4	15th	269·4	260·4	1st	274·1	274·2	+ 0·5	17	-27
466a	Syana	43 20	145 35	26·7	1010·5	1013·8	+ 0·1	280·1	285·1	15th	272·5	270·3	1,2,20	276·3	276·1	+ 0·3	51	-22
		45 14	147 53	39·3	1008·4	1013·3	+ 0·2	279·4	287·0	18th	271·2	267·0	21st	275·3	275·1	+ 0·7	56	- 9
		° N.	° E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 40° N. AND 30° N.

APRIL - ZONE 5 (AMERICA).

508	350°-30°N. 145°-140°W.	††31 54	††142 21	§ (37)	..	1016·9	- 8·1	..	..	Sea Temp. 290·2|+ 1·1	..	..	..	..	289·1	+ 0·6	..	..
511	San Francisco	37 48	122 26	47·2	1011·0	1016·6	- 1·0	291·9	297·4	5th	284·4	281·3	13th	288·1	*287·4*	+ 2·7	40	0
512	Sacramento	38 35	121 30	21·0	1013·3	1015·6	- 0·2	294·5	299·1	20th	281·8	278·0	9th	288·2	*288·4*	+ 0·7	24	-13
513	San Diego	32 43	117 10	26·5	1011·9	1014·9	- 0·8	292·9	299·1	6th	286·4	283·6	2nd	289·7	*289·2*	+ 2·1	27	+11
514	Modena	37 48	113 54	1668	832·1	1011·8	+ 0·8	292·2	298·6	21st	273·9	266·9	16th	283·1	*283·1*	+ 2·5	17	- 6
515	Santa Fé	35 41	105 57	2138	787·0	1011·8	+ 2·2	291·6	296·9	21st	277·1	269·1	2nd	284·3	*284·2*	+ 2·9	21	- 2
516	Denver	39 45	105 0	1613	835·9	1012·5	+ 1·2	293·1	300·2	7th	279·0	269·7	1st	286·1	*285·8*	+ 4·5	15	-39
517	Abilene	32 23	99 40	530	952·7	1012·8	0·0	303·3	308·6	7th	288·0	281·9	6th	295·7	*294·7*	+ 4·9	57	- 9
518	Saint Louis	38 38	90 12	173	995·9	1016·2	+ 1·2	294·3	306·9	10th	284·1	276·9	2nd	289·2	*289·0*	+ 3·0	34	-62
519	Mobile	30 41	88 2	17·4	1015·8	1017·9	+ 1·2	298·4	303·6	22nd	288·4	283·6	25th	293·4	*292·7*	+ 1·5	20	-105
520	Nashville	36 10	86 47	166	998·7	1018·6	+ 2·0	295·2	303·6	11th	284·2	276·3	24th	289·7	*289·7*	+ 1·8	29	-83
521	Charleston	32 47	79 56	14·6	1016·3	1017·9	+ 0·9	296·0	303·0	12th	287·4	281·9	1st	291·7	*291·8*	+ 1·0	66	- 8
522	Washington	38 54	77 3	34·1	1013·5	1017·6	+ 1·5	290·4	305·8	11th	279·1	274·1	24th	284·8	*284·2*	- 0·2	79	- 3
523	Bermuda	32 17	64 46	38·1	1015·0	1020·5	..	295·3	297·4	19th,20th	289·4	286·3	11th,12th	292·3	*291·1*	- 0·5	82	-21
		° N.	° W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
♯Change of normals, see Table of Authorities, pages 105-15.

APRIL - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Date	Temperature Mean Min. B	Temperature Absolute Min.	Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1016·1	1020·7	+ 0·2	290·3	293·9	5th	285·0	278·4	21st,22nd	287·7	287·7	- 0·4	101	-10
531	Horta	38 32	28 38	65	1013·1	1020·9	- 0·1	290·3	292·3	29th	285·3	280·1	21st	287·8	287·4	- 1·0	72	- 4
532	Ponta Delgada	37 44	25 40	22	1017·6	1020·3	- 0·8	289·5	291·3	6th	286·0	284·2	21st	287·8	287·7	- 0·4	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	71	-36
533	Madeira (Funchal)	32 38	16 55	25	1016·2	1019·2	+ 0·3	291·9	294·3	29th	286·8	283·8	27th	289·3	*289·6*	+ 0·4	41	- 8
535	Lisbon	38 43	9 9	95	1000·8	1012·2	- 3·6	288·3	290·8	8th	283·2	279·2	11th	285·7	285·5	- 1·7	82	+16
535a	øMelilla	35 17	2 59	40	1007·7	1012·5	- 2·8	291·2	296·3	3rd	285·4	281·6	12th	288·3	*288·3*	- 0·5	54	+24
536	Gibraltar	36 6	5 21	27·4	..	1012·8	- 3·8	291·6	294·7	25th	284·0	281·3	17th	287·8	*287·0*	- 1·3	115	+47
536a	Colomb-Béchar	31 37	W. 2 13	769	922·1	1008·1	- 3·5	297·9	304·6	3rd	283·6	277·6	28th	290·8	*290·3*	- 1·0	0	- 1
537	Palma	39 34	E. 2 39	23	1005·2	1008·0	- 6·8	291·9	296·0	27th	281·2	273·4	19th	286·6	*286·4*	- 1·4	25	-11
538	Algiers (University)	36 46	3 13	59	1002·9	1009·9	- 4·7	292·7	302·9	12th	285·0	281·3	16th,19th	288·9	288·3	- 0·3	38	-13
538a	Gadames	30 8	9 30	351	..	..	..	307·1	312·2	26th	285·0	279·0	8th	296·1	..	+ 0·8	0	- 2
539	Tunis	36 48	10 10	66	1002·0	1009·9	- 3·3	292·7	303·4	24th	282·7	278·4	20th	287·7	*287·4*	- 0·4	51	+13
540	Malta	35 54	14 31	71·2	..	1010·5	- 2·4	291·6	299·1	27th	285·3	281·3	17th	288·4	*287·6*	- 0·7	21	- 1
541	Athens	37 58	23 43	107	998·1	1010·7	- 2·6	293·9	301·6	28th	285·1	281·2	4th	289·5	289·3	+ 1·5	29	+ 7
542	Alexandria	31 12	29 53	32·0	1008·4	1012·3	- 1·8	299·0	310·8	9th	288·6	285·5	1st,2nd	293·8	*292·8*	+ 1·4	0	- 3
543	Ankara (Angora)	39 58	32 48	861	912·6	1010·6	- 3·5	291·8	301·4	30th	277·9	270·8	5th	284·9	285·0	..	14	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1010·8	- 1·2	296·8	302·4	29th	283·7	279·7	14th	290·3	..	+ 0·6	23	+ 1
544	Beirut	33 54	35 28	33·7	..	1011·6	- 1·8	296·8	304·0	10th	288·3	284·4	4th	292·6	*291·9*	+ 0·9	51	- 5
545	Hinaidi	33 17	44 29	32·9	1006·2	1010·0	- 2·0	302·3	307·1	10th	287·7	282·3	5th	295·0	*295·0*	+ 0·6	8	- 3
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	867·9	1000·1	..	294·8	301·3	11th	283·1	276·4	6th,8th	288·9	*289·2*	+ 0·5	25	-10
548	Meshed	36 17	59 36	946	..	..	..	292·0	301·2	13th	..	..	..	..	..	..	60	+13
549	Seistan	31 2	61 30	610	954·5	..	..	300·4	307·6	29th	287·8	280·0	9th	294·1	..	- 0·2	16	+12
550	Quetta	30 10	67 1	1647	834·6	..	- 0·7	295·4	301·3	16,29,30	281·1	274·7	9th,12th	288·3	*288·6*	0·0	56	+29
551	Peshawar	34 1	71 35	355	969·9	1010·4	- 0·2	301·2	308·0	30th	288·9	282·4	10th	295·1	*294·9*	- 0·6	100	+53
551a	Lahore	31 35	74 20	214	983·7	1008·0	+ 0·2	306·5	312·4	19th,24th	291·7	285·8	10th	299·1	*298·9*	- 1·3	35	+21
552	Simla	31 6	77 10	2202	781·5	..	+ 0·5	291·3	296·3	25th	283·3	279·1	8th	287·3	*287·6*	- 0·8	30	-20
552a	Leh	34 9	77 34	3503	666·5	..	+ 0·2	..	..	..	272·1	265·2	10th	..	..	..	23	+17
558	Sian	34 31	109 5	365	967·5	1009·8	..	293·6	305·0	17th	285·0	280·0	12th	289·3	290·0	..	75	..
559	Hankow	30 35	114 17	37·0	..	1014·2	- 1·3	293·0	300·7	21st	285·8	279·5	15th	289·4	*288·9*	- 0·5	174	+21
560	Tientsin	39 9	117 9	6·4	..	1014·4	- 0·9	294·1	305·7	18th	281·8	272·3	1st	287·9	*287·7*	+ 1·6	0	-14
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1013·2	1014·0	- 1·5	292·6	303·4	23rd	284·2	274·7	2nd	288·4	287·7	+ 1·2	116	+22
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1006·9	1015·4	+ 0·1	289·6	296·0	27th	280·7	273·7	2nd	285·2	284·5	+ 2·0	100	+37
562a	Nagasaki	32 44	129 52	133	998·8	1014·6	- 0·8	292·9	297·9	27th	284·8	277·1	3rd	288·9	288·4	+ 1·2	299	+95
563	Kyoto	35 1	135 44	42·9	1010·5	1015·7	+ 0·3	293·0	300·6	20th	281·2	275·2	1st	287·1	286·8	+ 1·6	108	-51
564	Tokyo	35 41	139 46	5·8	1014·6	1015·3	- 0·1	291·7	297·6	11th,26th	282·4	274·2	1st	287·1	287·0	+ 1·5	149	+24
565	Hukusima	37 45	140 28	68·5	1007·6	1015·9	+ 0·7	290·6	301·5	19th	278·7	273·2	23rd	284·7	284·1	+ 0·9	95	+ 7
566	Miyako	39 38	141 59	30·4	1011·1	1014·8	+ 0·1	286·9	297·2	17th	275·9	271·5	2nd	281·4	281·0	- 0·2	70	-28
		N.	E.															

APRIL - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Date	Temperature Mean Min. B	Temperature Absolute Min.	Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N.	W.															
601	øMidway Island	28 13	177 22	5·8	1021·2	1022·0	..	296·6	299·1	25th	288·3	286·3	5th	292·4	*291·9*	- 0·3	73	[illegible]
605	Honolulu	21 19	157 52	11·6	1016·7	1017·9	+ 0·2	297·6	299·7	14th	293·1	290·8	11th	295·3	*295·2*	- 0·5	35	[illegible]
613	Guaymas	27 55	110 53	8·3	1011·3	1012·2	..	302·7	309·5	5th,6th	291·9	288·5	17th	297·3	*296·8*	0·0	0	..
615	Leon	21 7	101 41	1809	820·3	1008·2	- 0·5	301·2	305·3	14th	283·8	280·2	1st	292·5	*292·5*	- 1·9	11	+ 5
616	Monterry	25 40	100 18	528	952·7	1011·7	+ 0·9	303·2	309·6	2nd	290·8	286·8	4th	297·0	*296·5*	+ 1·0	18	-10
617	Tulancingo	20 5	98 22	2181	789·6	..	+ 0·2	297·5	304·2	2nd	279·9	273·8	10th	288·7	*287·7*	- 2·5	25	-10
618	Galveston	29 18	94 50	16·5	1015·1	1017·3	+ 1·7	297·3	303·0	7th	291·9	289·7	4th	294·6	*293·7*	+ 1·3	101	+20
618a	New Orleans	29 57	90 4	16·2	1015·8	1017·6	+ 1·7	299·3	303·0	7th	289·0	284·1	1st	294·6	*294·1*	+ 1·0	73	[illegible]
619	Merida, Yucatan	20 58	89 38	22	1011·5	1014·0	0·0	303·7	307·4	17th	294·4	289·6	8th	299·1	*298·1*	- 1·1	43	+21
620	Havana	23 7	82 25	77·0	1005·9	1014·8	- 1·3	301·3	305·3	18th	293·4	289·5	1st	297·3	296·9	..	168	..
620a	Kew West	24 33	81 48	6·7	1015·2	1015·9	- 0·5	300·3	302·4	28th	294·5	290·8	1st	297·4	*297·2*	+ 0·1	112	+80
621	Nassau, Bahamas	35 5	77 20	9·6	..	1017·9	+ 0·7	302·2	303·0	18th	293·7	288·6	9th,16th	297·9	*297·8*	+ 1·0	71	+ 7
622	San Salvador (Watling Island)	24 6	74 26	33·5	1013·3	1017·2	- 0·2	..	302·4	3rd	..	295·2	8,10,11	..	*298·1*	- 0·1	..	..
633	Port Etienne	20 56	17 3	4	1013·5	1014·0	..	298·6	303·6	16th	286·1	283·7	12th	292·3	*290·4*	..	0	[illegible]
634m	øIzaña	28 19	16 30	2367	765·7	..	- 0·9	281·5	287·4	2nd	274·0	269·0	26th	277·8	*277·6*	- 1·7	27	[illegible]
634	La Laguna	28 28	16 20	547	953·7	1017·6	+ 0·3	289·8	295·3	22nd	282·9	278·6	28th	286·4	*285·8*	- 1·0	48	[illegible]
636	Adrar	27 52	W. 0 17	?285	..	..	..	..	..	..	287·9	283·0	7th	..	*297·0*	..	0	..
638	Tamanrasset(Fort Laperrine)	22 45	E. 5 0	1350	862·9	..	..	..	..	..	..	..	..	..	..	..	45	..
639	Sebha	27 1	14 27	424	..	..	..	..	..	..	..	..	..	..	..	..	..	..
640	Hon	29 8	15 56	263	..	..	..	?302·1	?309·1	22nd	..	..	..	..	..	..	0	..
641	Giarabub	29 45	24 31	49	..	..	..	305·8	318·4	30th	287·1	285·4	6th	296·5	..	..	1	[illegible]
642	Siwa	29 12	25 29	-23	1013·9	1011·2	- 3·1	304·6	313·3	30th	286·1	280·4	1st	295·4	*294·6*	+ 1·6	0	[illegible]
643	Cairo (Helwan)	29 52	31 20	116	998·6	1012·0	- 1·3	303·1	313·0	18th	289·2	281·5	1st	296·2	*295·8*	+ 1·7	0	[illegible]
643a	Aswan	24 2	32 53	100	998·7	1010·0	- 0·9	309·7	317·7	18th	291·4	286·0	5th	300·6	*299·6*	+ 0·5	..	..
644	Tor	28 14	33 37	1·9	1010·3	1010·6	- 0·5	301·6	307·5	23rd	290·1	284·4	6th	295·8	*295·6*	+ 1·0	0	[illegible]
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

øChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

APRIL - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Date	Temperature Mean Min. B	Temperature Absolute Min.	Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1009·9	1010·4	..	301·4	311·3	25th	293·9	289·1	1st	297·7	*297·0*	+ 1·3	0	-12
648	Jask	25 45	57 45	4·0	1008·3	1008·8	..	303·6	309·2	27th	297·4	294·0	10th	300·5	*299·8*	+ 1·1	1	- 4
649	Karachi	24 48	66 59	4·0	1009·3	1009·8	+ 0·3	302·6	306·9	3rd	296·8	293·6	9th,12th	299·7	*299·0*	+ 0·4	3	- 2
650	Jacobabad	28 17	68 29	56·7	1001·9	1008·3	+ 0·7	310·2	315·8	24th	293·8	286·9	12th	302·0	*301·5*	- 0·3	0	- 5
651	Jaipur	26 55	75 50	436	960·8	1008·8	+ 0·6	309·4	313·6	30th	294·1	290·2	11th,14th	301·7	*301·8*	- 1·3	0	- 4
652	Nagpur	21 9	79 7	310	974·6	1008·7	+ 0·6	312·2	315·8	25th	296·3	291·3	13th	304·2	*304·0*	- 1·1	20	+ 6
653	Allahabad	25 26	81 50	94·2	997·1	1007·7	+ 0·3	311·8	315·2	25th	295·5	291·9	3rd	303·7	*303·4*	0·0	1	- 3
653a	Darjeeling	27 3	88 16	2265	775·5	..	- 0·1	289·6	293·3	24th	282·5	278·1	4th	286·1	*286·4*	0·0	72	-26
654	Calcutta	22 32	88 20	6·4	1007·6	1008·4	+ 0·1	309·5	314·7	24th	298·1	294·1	14th	303·8	*303·6*	+ 1·1	3	-45
655	Gauhati	26 11	91 45	59·7	1002·9	1009·8	- 0·5	302·9	308·0	24th	293·1	290·6	4th	298·0	*296·9*	+ 0·2	160	- 8
655m	Cherrapunji	25 15	91 44	1313	867·8	..	- 0·4	294·3	297·9	18th	288·2	283·6	6th	291·3	*290·7*	+ 0·7	551	-165
655a	Akyab	20 8	92 55	6·1	1009·3	1010·1	- 0·4	305·3	307·8	6th	296·7	293·8	4th	301·0	*300·7*	- 0·5	8	-45
656	Mandalay	21 59	96 6	76·2	999·8	1008·3	- 0·9	312·3	315·0	23rd	298·9	291·7	17th	305·6	*305·1*	+ 0·3	9	-19
656a	Tengyueh	25 0	98 40	1634	833·3	1007·0	..	295·3	298·6	12,13,14	282·5	278·0	5th	288·9	*288·5*	+ 0·5	..	..
657	Phu Lien	20 48	106 38	116	..	1009·3	- 1·2	300·1	304·4	26th	294·6	291·1	16th,17th	297·3	296·8	+ 1·3	105	+28
658	Moncay	21 31	107 58	9·0	..	1009·1	- 1·7	301·5	305·4	30th	294·4	290·2	16th	298·0	*297·2*	+ 2·2	73	-33
659	Hongkong	22 18	114 10	33·2	..	1011·7	- 0·9	298·2	302·5	24th	294·4	290·4	1st	296·3	296·1	+ 1·9	53	-91
660	Amoy	24 26	118 4	4·9	1013·8	1014·4	- 0·6	296·4	301·3	29th	291·3	284·7	3rd	293·9	293·5	+ 1·1	99	-27
661	Taihoku, Formosa	25 2	121 31	9·3	1012·5	1013·6	- 0·5	300·9	306·0	10th	292·0	286·6	2nd	296·5	295·7	+ 2·1	83	-88
661a	Basco	20 28	121 59	18·7	..	1011·6	+ 0·5	302·4	304·5	25th	297·3	292·7	3rd	299·9	299·3	+ 0·3	55	-50
662	Naha	26 12	127 39	29·5	1011·2	1014·6	+ 0·1	297·8	301·5	23rd	292·6	287·3	2nd	295·2	295·1	+ 1·2	40	-123
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1015·6	1016·1	+ 0·3	297·7	300·3	27th,28th	291·8	285·3	4th	294·7	294·3	+ 0·8	105	-15
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

APRIL - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Date	Temperature Mean Min. B	Temperature Absolute Min.	Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N.	W.															
715	Colima	19 12	103 45	498	956·8	1012·4	+ 1·4	306·8	309·6	2nd	289·8	287·2	26th	298·3	*297·4*	- 0·1	0	0
716	Morelia	19 42	101 7	1923	809·1	1008·5	+ 1·2	297·6	300·1	30th	283·8	281·2	1st	290·7	*290·9*	- 0·9	27	+17
717	Mexico, Tacubaya	19 24	99 12	2309	774·4	..	+ 0·2	299·0	304·1	30th	279·2	274·0	7th	289·1	288·0	- 1·8	27	+ 7
718	Salina Cruz	16 12	95 12	56	1004·4	1010·8	- 0·7	303·4	306·6	4th	296·3	293·2	1st	299·9	*300·3*	- 0·2	0	- 7
719	San Salvador	13 42	89 13	682	937·2	1012·6	+ 0·8	308·9	311·6	20th	291·5	289·6	14th	300·2	*296·8*	- 0·5	23	-35
720	Belize	17 31	88 11	5·2	1013·7	1014·3	+ 0·8	302·7	303·6	6,25,27	296·3	291·1	7th	299·5	*299·1*	- 0·4	164	+107
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·9	+ 0·1	303·2	304·9	27th	294·6	293·0	14th	298·9	*298·7*	+ 0·3	201	+127
722	Port au Prince	18 33	72 20	37·4	1010·1	1014·4	- 0·3	305·1	307·7	27th	294·3	293·2	15th	299·7	*299·6*	+ 0·5	154	-10
723	Caracas	10 30	66 56	1043	898·0	1012·6	..	300·1	303·7	27th	288·6	285·5	4,10,11	294·4	*291·6*	- 1·4	36	- 4
724	San Juan, Porto Rico	18 29	66 7	25·0	1012·8	1015·9	- 0·1	301·1	305·2	30th	295·0	293·0	14th	298·1	*297·8*	+ 0·3	41	-57
724a	Grenada (Richmond Hill)	12 5	61 46	188	993·0	1014·3	+ 1·4	303·6	305·2	20th	296·1	295·2	3,11,19	299·8	*299·4*	+ 0·7	51	- 4
725	Barbados	13 8	59 36	57·9	..	1014·5	+ 0·2	302·8	304·2	29th	294·9	291·7	11th	298·8	*298·7*	- 0·1	27	-13
731	São Vicente, C. Verde Is.	16 54	25 4	11	1013·9	1015·2	+ 0·7	296·4	297·3	23rd	293·2	292·5	6,15,29	294·8	*294·9*	- 0·1	0	0
732	San Tiago, C. Verde Is.	14 54	23 31	34	1011·2	1015·2	+ 0·9	298·9	301·6	18th	293·3	292·0	14th	296·1	*296·0*	- 0·6	0	- 1
733	Dakar	14 40	17 26	32	..	1012·0	..	299·5	304·7	14th	290·4	289·3	14th	294·9	*293·1*	- 1·1	0	- 1
734	Bathurst (Cape St.Mary)	13 29	16 40	15·9	..	..	..	299·8	304·1	30th	292·0	289·7	6th	295·9	*295·7*	- 1·8	0	..
735	Niénébalé	12 57	7 26	300	..	..	..	313·5	315·5	24th	297·6	292·0	26th	305·5	*306·0*	..	23	..
736	Kabara	16 45	W. 3 1	273	..	..	..	316·4	322·0	25th	293·0	289·0	15th	304·7	*304·6*	..	..	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	314·0	316·9	17th	298·3	293·6	7th	306·1	*305·7*	0·0	0	-10
738	Kaduna Capital	10 32	7 25	?637	..	..	..	307·1	310·2	7th	294·6	291·9	15th	300·9	*300·4*	0·0	32	-46
739	Hadeija	12 40	10 5	?	..	..	..	314·7	316·3	13,14,28	295·5	289·1	4th,5th	305·1	*304·7*	0·0	0	- 7
740	Maiduguri	11 47	13 11	361	..	..	..	314·8	316·9	17th	..	..	..	..	‡*306·1*	- 0·2	0	-10
741	øEl Fasher	13 32	25 18	730	925·4	1005·8	..	312·2	316·5	19th,20th	289·5	283·5	7th	300·8	*299·3*	- 1·2	6	+ 5
743	El Obeid	13 11	30 14	563	945·2	1006·7	+ 0·7	311·8	316·4	18th	292·2	286·9	7th	302·0	*301·6*	- 0·1	0	- 1
743a	Khartoum	15 37	32 33	390	964·0	1007·0	+ 0·7	311·9	316·7	20th	294·9	288·6	6th	303·4	*303·8*	- 0·4	0	0
744	Port Sudan	19 37	37 13	5·5	1010·0	1010·7	+ 0·8	305·0	311·4	20th	294·6	291·7	23rd	299·8	*299·7*	+ 0·4	0	- 1
745	Berbera, Somaliland	10 26	45 2	13·8	1007·6	1009·2	- 1·0	303·4	305·2	28th	295·8	293·6	23rd,30th	299·6	*300·1*	- 1·8	30	+18
746	Aden	12 49	45 2	29·9	1008·0	1011·4	+ 0·5	305·3	307·1	11th	298·7	295·7	10th	302·0	*301·0*	+ 0·5	0	- 5
751	Bombay	18 54	72 49	11·3	1008·9	1010·1	- 0·6	305·2	308·0	23rd	297·7	295·8	1st	301·5	301·3	+ 0·1	0	- 1
752	Kodaikanal	10 14	77 28	2343	771·8	..	0·0	294·3	295·9	26th	284·3	282·0	2nd	289·3	*288·8*	+ 0·1	63	-45
752a	Bangalore	12 58	77 35	921	910·1	1008·9	+ 0·1	307·8	310·4	25th	294·1	291·1	18th	300·9	*300·2*	+ 0·6	49	+15
753	Madras	13 4	80 15	6·7	1009·0	1009·8	- 0·3	306·8	311·3	24th	298·1	295·8	4 days	302·4	*302·0*	+ 0·1	0	-13
754	Vizagapatam	17 42	83 18	38·4	1005·6	1009·9	+ 0·2	304·2	306·0	25th	296·4	291·1	15th	300·3	*299·7*	- 2·4	4	-14
755	Port Blair	11 40	92 43	18·0	1008·4	1010·4	- 0·3	305·3	306·8	30th	299·0	297·1	7th,8th	302·1	*301·5*	- 0·5	11	-52
756	Rangoon	16 46	96 11	5·5	1009·8	1010·5	- 0·3	309·5	311·4	22nd	297·1	294·7	8th	303·3	*302·0*	- 0·3	0	-41
757	Cap St. Jacques	10 20	107 5	180	..	1010·0	..	304·7	307·7	12th	298·3	296·3	8th	301·5	*301·0*	+ 0·2	14	-16
758	Nhatrang	12 15	109 12	3·6	..	1009·4	..	304·7	306·1	24th	296·1	293·8	8th	300·4	*299·8*	+ 0·1	0	-22
759	Bolinao	16 23	119 53	2	..	1009·4	+ 0·5	307·1	?310·0	22nd	..	..	..	..	*301·8*	+ 0·3	12	-23
761	Vigan	17 34	120 23	12·2	..	1009·5	+ 0·4	305·8	306·7	2,18,30	297·9	295·3	1st	301·9	301·2	- 0·1	8	- 9
761a	Manila	14 35	120 59	14·2	..	1010·0	+ 0·1	307·4	309·1	27th	295·8	294·0	4th	301·6	300·8	- 0·3	12	-20
762	Ormoc	11 0	124 36	5·6	..	1008·8	0·0	305·4	307·5	2nd	294·3	292·1	3rd,14th	299·9	*299·5*	0·0	202	+127
765	øGuam, Ladrone Is.	13 24	144 38	18·6	..	1009·9	+ 0·4	304·0	305·0	27th	297·3	295·4	5th	300·7	*300·5*	+ 0·1	23	-28
766	Saipan	15 14	145 46	207	989·0	1009·3	..	300·7	301·5	29th	295·6	293·6	6th	298·1	297·8	..	32	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
øChange of normals, see Table of Authorities, pages 105-15.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	§Fanning Island	3 54 N.	159 23 W.	5·3	1010·6	1011·2	+ 0·4	305·2	306·9	18th	299·1	296·9	22nd	302·2	301·8	+ 1·5	77	-2
821	Cristobal	9 23	79 54	11·0	..	1010·7	- 0·5	302·6	304·7	30th	298·1	296·3	12th	300·3	299·9	+ 0·3	174	+6
822	Bogota	4 36	74 5	2645	746·3	..	+ 0·4	292·5	295·0	3rd	283·8	280·5	8th	288·1	287·4	+ 0·1	82	-5
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..		..	..		..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	1007·5	1011·8	+ 1·3	306·4	307·8	22nd	296·5	294·7	10th	301·5	300·9	- 0·1	103	+6
824	El Peru, Guayanavieja	7 19	61 49	220	985·5	1010·2	- 0·6	305·7	308·1	23rd	294·9	293·8	7th	300·3	299·6	+ 1·2	28	-3
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·4	- 0·2	302·2	303·0	18,21,26	297·4	295·2	19th,21st	299·8	299·5	0·0	244	+126
826	Paramaribo	5 49	55 9	3·7	1012·2	1012·6	- 0·3	303·5	304·9	25th	295·6	293·8	11th,12th	299·5	299·2	+ 0·3	275	+15
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	351	..
831	10°-5°W. 30°-25°W.	††7 4	††27 5	§(107-134)	..	1013·6	+ 1·4	..	..	Sea Temp. 298·1|-0·8	..	..	..	..	298·1	- 0·7	..	-10
833	§Konakri	9 31	13 43	16	..	..	..	304·0	306·0	21st	296·2	294·5	5th	300·1	300·5	- 1·1	15	-8
834	Freetown, Sierra Leone	8 29	13 14	55·0	1004·8	1011·1	+ 2·0	303·3	304·1	sev.dates	296·1	293·6	24th	299·7	298·8	- 1·3	14	-8
835	Assuantsi	5 18	1 15	97·3	998·6	1009·7	..	304·9	307·4	15th	294·4	293·0	16,21,30	299·7	299·0	+ 0·1	87	-3
836	Accra	5 33	W. 0 12	17·7	1008·1	1010·1	+ 0·4	..	..	..	298·4	295·2	25th	..	‡303·1	+ 1·0	27	-10
837	Lagos	6 27	E. 3 24	3·0	1009·2	1009·6	+ 0·2	304·4	306·3	5th	297·7	294·7	20th	301·1	300·4	- 0·1	127	+61
838	Victoria, Nigeria	4 1	9 12	15·5	1008·9	1010·6	..	304·5	305·8	13th,14th	295·3	294·1	sev.dates	299·9	299·3	..	242	+89
839	Yola	9 12	12 30	259	..	..	..	310·7	314·4	16th	298·4	294·1	24th	304·6	304·0	- 0·1	15	-7
841	§Wau	7 42	28 3	440	959·6	1008·6	+ 2·0	308·2	312·0	17th	295·2	293·0	11,22,25	301·7	300·4	- 1·2	95	-3
843	Malakal (Kodok)	9 35	31 37	394	963·8	1007·2	+ 0·5	310·9	314·1	16th	295·9	291·5	29th	303·4	302·2	- 0·4	35	+1
843a	Mongalla	5 11	31 47	448	959·1	1009·2	+ 0·9	308·6	312·5	4th	294·5	292·0	16th	301·6	299·3	- 1·0	53	-3
844	Entebbe	0 5	32 29	1171	884·0	1010·4	+ 0·5	298·1	300·2	1,2,26	290·9	288·0	5th	294·5	294·0	- 0·3	204	+10
845	Sheikh	9 55	45 15	1463	..	..	..	298·7	301·3	2nd,24th	286·9	278·0	2nd	292·8	292·1	..	111	-2
851	Minicoy	8 18	73 0	2·7	1009·4	1009·7	- 0·9	305·4	306·8	28th	299·3	297·4	21st	302·3	301·7	..	17	-7
851a	Cochin	9 58	76 14	2·7	1010·2	1010·6	+ 0·1	304·8	306·3	2nd	298·6	294·7	30th	301·7	301·1	- 0·7	106	+4
852	Colombo Observatory	6 54	79 52	7·3	..	1008·9	+ 0·3	304·6	305·8	9th	297·2	295·8	16,20,29	300·9	300·3	+ 0·3	343	+9
853	Nuwara Eliya	6 58	80 46	1881	813·7	1012·2	+ 1·2	294·9	296·7	9th	282·1	276·8	11th	288·5	287·5	+ 0·1	92	-2
854	Trincomalee	8 35	81 15	30·2	..	1008·3	+ 0·4	304·1	307·3	25th	298·2	295·7	18th	301·2	300·6	- 0·2	76	-3
855	Kuta Raja	5 32	92 20	7·1	..	1008·6	- 1·3	..	..	..	..	..	..	..	..	..	54	..
856	Medan	3 35	98 41	25	..	1008·8	- 0·6	305·1	307·0	19th	295·7	293·8	4th	300·4	299·8	+ 0·5	44	-3
857	Penang	5 34	100 20	5·0	..	..	..	306·1	308·0	16th	299·2	296·3	1st	302·7	302·2	+ 1·5	127	+3
857a	Butterworth	5 25	100 22	2·1	..	1006·9	..	305·1	307·4	2nd	297·2	295·8	1,2,19	301·1	300·8	..	291	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	998·2	1008·6	- 0·6	304·4	306·3	sev.dates	296·9	295·2	6th,7th	300·7	299·8	..	252	-2
859	Sandakan	5 50	118 7	31·7	..	..	..	304·9	306·3	12th	297·4	296·3	2,6,7	301·1	301·3	+ 0·2	54	-2
860	Iwahig	9 44	118 38	14·3	..	1008·4	0·0	305·7	307·0	8th	296·3	294·7	17th	301·0	301·0	+ 0·7	33	-2
861	Tagbilaran	9 38	123 51	21·3	..	1008·8	- 0·3	305·7	307·6	2nd	296·1	294·6	4th	300·9	300·3	+ 0·3	59	-1
861a	Menado	1 30	124 50	8·5	..	1008·6	- 0·6	302·6	304·4	5th	295·8	294·4	7th	299·2	298·8	- 0·3	..	..
862	Surigao	9 48	125 29	6·0	..	1009·7	+ 0·3	303·3	305·1	7th	296·3	294·9	3rd	299·8	299·4	- 0·2	257	+1
863	§Kolonie, Yap	9 29	138 8	29·3	..	1010·1	+ 1·0	303·2	304·5	24th	298·1	296·6	25th	300·7	300·0	- 0·2	86	-1
864	Palau	7 20	134 29	31·8	1006·1	1009·7	..	302·9	304·4	25th	297·2	296·2	27th	300·1	299·9	..	170	..
867	Ponape	6 58 N.	158 13 E.	38·9	1004·7	1009·1	..	302·1	303·5	30th	297·3	295·8	22nd	299·7	299·4	..	499	..

APRIL - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32 S.	172 31 W.	1·8	1009·3	1009·5	..	302·4	304·3	11th,26th	300·4	298·3	18th	301·4	301·1	..	227	..
920	Lambayeque	6 46	80 55	15	1009·4	1011·1	..	305·8	308·6	12th	291·3	288·3	3rd	298·5	296·6	..	3	-2
921	Quito	0 14	78 30	2816	728·1	..	+ 0·1	293·3	296·1	27th	281·8	279·8	13th	287·5	286·0	+ 0·2	161	-2
923	Senna Madureira	9 4	68 40	135	994·0	1009·2	..	306·4	309·1	16th	293·5	291·8	30th	300·0	298·4	..	298	-2
923a	São Gabriel do Rio Negro	0 8	67 5	85·0	1001·0	1010·7	..	304·9	309·0	3rd	294·6	292·8	12th	299·8	298·1	..	243	+2
924	Manaos	3 8	60 1	43·8	..	..	..	302·9	305·4	16th	295·2	293·2	15th	299·0	298·6	- 0·3	453	+23
926	Taperinha	2 30	54 20	21·5	1009·6	1012·2	+ 0·7	302·6	304·2	27th	295·7	294·7	16th	299·2	298·1	0·0	326	+1
927	Turyassu	1 43	45 26	9·1	1010·0	1011·1	+ 0·6	303·5	305·8	11th	294·3	292·9	16th	298·9	298·2	0·0	567	+23
928	Barra do Corda	5 30	45 16	81·0	1002·4	1011·9	..	304·4	305·8	1st	294·4	292·9	22,27,29	299·4	298·3	+ 0·2	83	-2
929	Quixeramobim	5 16	39 15	207	989·1	1012·4	+ 1·1	303·0	304·7	10th	297·0	295·2	28th	300·0	299·9	+ 0·2	99	-2
930	Fernando Noronha	3 50	32 25	106	999·9	1011·8	+ 0·4	302·1	303·4	8th	297·6	294·2	27th	299·8	299·2	+ 0·8	103	-10
934	Ascension Island	7 56	W. 14 25	16·8	1012·3	1014·1	+ 1·1	..	..	..	..	..	..	..	299·9	+ 0·4	11	-2
939	Loanda	8 49	E. 13 13	59·3	..	1011·4	+ 0·8	301·5	302·7	14th	296·6	294·5	27th	299·1	298·7	- 0·2	56	-4
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	293·2	295·3	..	284·2	282·8	..	288·7	289·0	..	229	..
943	Masaka	0 20	31 44	1280	..	..	..	301·3	301·9	sev.dates	291·5	290·2	1st	296·4	295·7	..	249	+6
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	820·7	1013·5	..	294·5	296·0	15th	286·8	285·5	15th	290·6	289·1	..	357	-1
944a	Zanzibar	6 10	39 12	17·1	1010·8	1012·7	- 0·5	302·4	304·4	20th	298·2	296·8	17th	300·3	299·7	+ 0·1	354	+1
945	Lamu	2 16	40 50	3·0	..	..	..	303·4	304·1	sev.dates	298·1	294·1	28th	300·8	300·4	- 0·3	177	-2
947	Seychelles, Port Office	4 37	55 27	4·6	1009·0	1009·5	- 1·1	303·5	304·3	13th	297·1	295·4	20th	300·3	299·6	+ 0·2	166	-1
957	Padang	0 56	100 22	6·7	..	1009·7	- 0·5	304·2	305·1	2nd	297·0	295·0	1st	300·6	300·1	+ 0·4	442	+19
958	Batavia	6 11	106 50	8·0	1008·2	1009·1	- 0·2	303·6	305·0	27th	296·7	295·7	14th	300·1	299·6	+ 0·2	222	+4
958a	Pontianak	0 1	109 20	2·6	..	1009·2	- 0·5	304·9	307·3	27th	297·0	294·6	8th	300·9	299·7	0·0	360	+11
959	Pasuruan	7 38	112 55	5·0	..	1009·3	- 0·2	303·6	304·7	25th	296·4	294·8	6th	300·0	299·5	- 0·3	207	+3
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	232	..
962	Amboina	3 42	128 10	4·2	..	1009·0	+ 0·1	303·7	305·2	20th	297·6	296·6	15th	300·7	300·1	+ 0·8	287	+7
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	165	-12
965	Daru	9 4	143 13	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
968	Port Moresby	9 29	147 9	38·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
967	Rabaul	4 9	152 12	12·5	1007·0	1008·4	+ 0·2	305·8	307·0	21st	295·9	294·9	16th	300·9	300·3	+ 0·3	229	-2
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?304·0	?306·3	6th	?297·6	?295·5	11th	?300·8	?300·5	+ 0·1	222	-2
970	Ocean Island	0 52	169 35	42·6	1004·5	1009·5	- 0·7	304·6	306·3	21,28,29	298·5	296·9	14th	301·6	300·9	+ 0·5	58	-10
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
ϕChange of normals, see Table of Authorities, pages 105-15.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48 S.	171 46 W.	2·0	..	1009·1	- 0·7	302·8	303·8	28th	296·6	294·4	14th	299·7	299·6	+ 0·1	262	+ 4
1003	§Alofi, Niue Island	19 2	169 55	19·8	..	1011·6	- 1·0	302·4	303·6	5th,7th	288·6	285·8	9th	295·5	295·2	- 3·2	43	-155
1021	Lima																	
1022	Arica	12 5	77 3	111	996·8	1009·7	..	299·2	301·6	19th	290·5	289·0	10th	294·9	293·5	..	1	..
1024	La Paz, Bolivia	18 28	70 20	5	1011·6	1012·2	..	295·5	297·0	sev.dates	287·9	287·0	sev.dates	291·7	291·8	- 0·5	0	0
1025	Corumba	16 30	68 8	3658	659·4	..	+ 0·9	289·5	293·7	26th	277·9	275·8	3rd	283·7	282·3	- 0·6	109	+73
1026	Cuyaba	18 59	57 39	116	997·8	1010·7	+ 0·2	305·6	309·2	1st	294·6	289·6	11th	300·1	299·6	+ 1·2	22	-79
1027	Bello Horizonte	15 36	56 6	165	992·0	1010·7	+ 0·5	305·9	308·0	1st	294·6	292·6	29th	300·2	298·8	+ 0·4	114	+12
1028	Caetite	19 56	43 56	895	915·5	1014·0	+ 0·6	299·2	303·0	4th,5th	289·1	285·0	26th	294·2	293·2	- 0·3	17	-43
1029	Ondina (Bahia)	14 3	42 37	897	916·5	1015·1	+ 1·4	300·1	303·0	11th	289·1	286·7	26th	294·6	294·5	- 0·9	39	-22
1030	Aracaju	13 0	38 31	46·6	1008·2	1013·5	+ 0·7	301·1	302·5	20th	296·0	293·7	28th	298·6	298·5	- 0·2	269	-20
1035	§St. Helena	10 55	37 3	6·1	1012·6	1013·4	0·0	302·1	302·9	5th	295·4	293·1	6th	298·8	298·8	..	143	..
1039	Mossamedes	15 57	W. 5 40	579	947·0	1013·5	+ 0·5	..	..	..	288·7	287·4	28th,29th	..	290·7	0·0	116	+34
1041	Livingstone	15 12	E. 12 9	12·5	1011·0	1012·5	..	..	..	..	..	..	..	..	..	..	..	..
1041a	§Elisabethville	17 51	25 51	972	906·9	1012·9	..	301·6	307·4	4th,7th	288·9	280·8	28th,29th	295·3	..	- 0·3	126	+89
1042	Gwelo	19 26	29 45	1411	876·8	1009·0	- 0·6	299·9	302·4	6th	287·5	282·0	29th	293·7	..	- 0·2	73	+29
1043	Salisbury (Dept. Agric)	17 48	31 5	1489	..	..	..	296·7	304·7	4th,5th	285·9	277·4	30th	291·3	..	- 0·2	84	+65
1044	Zomba	15 23	35 18	955	854·4	1014·0	- 0·6	297·7	300·5	6th	286·3	278·9	28th	292·0	290·9	+ 0·3	6	-19
1045	Mossuril	14 57	40 40	15	906·9	1011·3	- 0·9	297·4	300·8	5,6,9	290·0	285·2	27th,30th	293·7	293·1	0·0	62	-31
1046	Antananarivo	18 55	47 33	1375	863·9	1011·7	- 1·2	298·4	301·2	4th	287·2	281·7	28th	292·8	291·5	+ 0·2	98	+48
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1009·2	1009·9	- 1·3	303·2	304·4	26th	298·9	294·7	28th	301·0	300·6	+ 0·6	204	-44
1057	Christmas Island	10 25	105 43	5·5	1007·2	1007·8	- 0·2	303·2	305·2	27th	297·4	295·2	13th	300·3	299·9	- 0·5	408	+206
1061	Kupang	10 10	123 34	45	1004·6	1009·7	- 0·2	306·6	308·9	30th	296·0	293·7	13th	301·3	300·6	+ 1·2	5	-59
1061a	§Derby	17 18	123 40	16·2	1009·8	1011·6	+ 0·1	307·7	310·3	21st	297·8	294·7	15th	302·7	..	+ 1·1	25	-16
1062	Hall's Creek	18 13	127 46	373	970·8	1011·9	- 0·4	307·2	309·8	2nd	291·6	284·9	15th	299·4	298·9	+ 1·0	0	-20
1063	Darwin	12 28	130 51	29·6	1006·6	1010·0	+ 0·9	307·1	308·4	8th,10th	297·5	295·2	13th	302·3	301·1	+ 0·4	7	-96
1064	Daly Waters	16 16	133 23	211	987·4	1010·8	+ 0·2	307·4	309·7	1st	291·4	286·3	14th	299·4	298·9	- 0·4	1	-25
1065	Palmerville	15 56	144 8	210	987·1	1010·6	+ 0·6	305·4	307·0	1st	291·2	289·7	16th,30th	298·3	..	- 0·6	16	-40
1066	Georgetown, Queensland	18 22	143 32	302	979·1	1012·8	+ 0·8	305·6	307·4	9th,11th	289·7	286·3	28th	297·7	..	- 0·8	0	-32
1066a	Willis Island	16 18	149 59	8·5	1010·5	1011·6	+ 1·0	301·7	302·8	1st	297·1	295·2	6th,28th	299·4	299·3	0·0	21	-157
1067	Samarai	10 37	150 40	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1072	Suva, Fiji	18 8 S.	178 26 E.	6·1	1011·2	1011·8	+ 1·4	302·7	304·7	11th	295·6	293·6	5th,24th	299·2	298·9	+ 0·3	164	-146

BETWEEN LATITUDE 20° S. AND 30° S.

APRIL - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1105	Rarotonga (Avarua)	21 12 S.	159 46 W.	6·1	..	..	..	301·1	303·6	3rd	293·9	289·7	14th	297·5	297·2	- 0·2	37	-145
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1010·0	1012·8	- 2·7	293·5	295·3	15th	287·2	285·1	29th	290·3	289·9	+ 2·2	1	0
1122	§Antofagasta	23 42	70 24	94	1002·3	1013·4	- 2·0	295·4	299·8	4th	287·6	286·0	29th	291·5	290·8	+ 0·6	0	0
1123	Catamarca	28 29	65 47	528	954·0	1013·7	+ 2·1	300·4	308·5	16th	289·6	283·0	24th	295·0	294·0	+ 0·6	78	+60
1124	Salta	24 46	65 24	1182	882·5	1011·0	+ 0·5	297·2	303·4	16th	287·3	281·5	23rd	292·2	291·8	+ 1·2	58	+27
1125	Goya	29 9	59 15	37	1010·4	1014·7	+ 0·8	301·8	308·2	3rd	290·1	280·9	23rd	296·0	295·0	+ 2·2	105	-14
1126	§Asuncion	25 17	57 41	93	1003·9	1014·6	+ 1·2	301·3	308·5	1st,2nd	293·3	288·6	23rd	297·3	297·4	+ 2·1	178	+32
1127	Curityba	25 25	49 17	908	915·8	1017·4	+ 1·0	296·2	302·4	22nd	285·5	280·4	18th	290·8	289·7	0·0	21	-57
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1013·9	1016·0	+ 1·2	298·4	304·1	9th	293·1	291·4	26th	295·8	296·1	- 0·4	115	+ 9
1139	Windhoek	22 34	E. 17 6	1727	830·9	1012·8	..	297·8	301·4	11th	285·4	279·4	9th	291·6	291·0	- 0·3	13	-26
1140	O'Okiep	29 36	17 52	933	912·5	1016·9	+ 0·8	296·7	303·7	17th	284·4	279·2	5th	290·6	290·0	- 1·3	17	+ 1
1141	§Kimberley	28 44	24 46	1218	882·1	1015·7	- 0·4	297·8	302·4	2nd,6th	283·7	278·2	24th	290·7	290·2	- 0·1	32	- 3
1141a	Johannesburg	26 11	28 4	1806	824·6	1016·2	- 1·0	294·3	298·1	2nd	283·1	274·4	26th	288·7	288·4	+ 0·1	13	-31
1142	Bulawayo	20 9	28 35	1349	869·3	1015·5	- 1·1	297·3	303·6	2nd,3rd	285·7	278·6	27th,28th	291·5	290·8	- 0·3	117	+98
1143	Durban	29 52	31 3	15·2	1015·3	1017·1	- 1·7	298·5	301·6	7th	290·9	285·6	27th	294·7	294·1	- 0·1	68	-18
1144	Lourenço Marques	25 58	32 36	59·5	..	1016·7	- 0·9	300·0	304·4	9th	291·5	285·4	23rd,29th	295·8	295·4	- 0·4	37	-10
1147	Mauritius	20 6	57 33	55·2	1006·4	1012·8	- 1·2	301·5	303·6	5th	293·8	289·8	13th	297·7	297·2	+ 0·1	34	-80
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
ϕChange of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

APRIL - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	E.															
1159	∮Onslow	21 43	114 57	4·3	1010·4	1010·8	- 0·9	304·2	311·3	3rd	292·0	288·6	19th,27th	298·1	..	- 1·5	15	
1160	∮Cue	27 27	117 52	454	962·3	1013·4	- 1·6	300·5	306·8	6th	288·6	282·8	22nd	294·6	..	- 1·0	20	
1161	Nullagine	21 53	120 5	386	..	..	..	305·4	310·8	1st	291·6	286·3	15th	298·5	..	+ 0·6	40	
1162	Laverton	28 40	122 23	466	963·1	1016·0	- 1·6	299·1	305·3	4th	286·4	281·9	23rd	292·8	292·8	- 0·9	16	
1163	Alice Springs	23 38	233 37	587	949·6	1015·3	+ 0·1	301·5	307·4	20th	286·4	280·8	14th	294·0	294·2	+ 0·9	0	
1164	William Creek	28 55	136 21	76·2	1009·4	1018·1	- 0·1	299·9	305·9	22nd	285·8	281·9	15th	292·9	292·6	+ 0·1	58	
1164a	Boulia	22 55	139 38	146	996·2	1012·7	- 0·7	305·4	308·9	21st	288·8	284·6	26th	297·1	297·3	+ 0·1	0	
1165	Thargomindah	27 58	143 43	123	1001·6	1015·8	- 0·4	300·8	307·4	23rd	288·2	282·5	27th	294·5	294·4	0·0	3	
1166	Mitchell	26 32	147 52	336	978·1	1016·7	+ 0·6	299·5	303·2	1st	284·3	276·4	27th	291·9	..	- 0·4	25	
1167	Rockhampton	23 24	150 30	11·3	1014·0	1015·3	- 0·2	301·6	303·7	25th	290·1	284·8	27th	295·8	295·1	- 0·9	49	
1168	Brisbane	27 28	153 2	41·8	1012·8	1017·3	- 0·3	298·4	301·7	25th	288·5	285·5	13th	294·4	292·8	- 0·9	57	
1170	Norfolk Island	29 4	167 59	14·9	1014·1	1015·9	- 1·3	295·4	297·4	19th	290·9	286·9	8th	293·2	292·8	- 0·4	174	
		S.	E.															

APRIL - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	W.															
1221	Juan Fernandez	33 37	78 52	6	1014·5	1013·8	- 3·6	293·7	295·2	9th	288·1	285·5	29th	290·9	290·6	+ 0·8	85	
1221a	Punta Tumbes	36 37	73 6	120	997·9	1012·3	- 3·3	290·3	293·2	22nd	284·1	281·6	30th	287·2	286·7	+ 1·0	222	
1222	Punta Angeles,Valparaiso	33 1	71 38	41	1009·2	1014·1	- 1·2	292·9	296·5	22nd	285·3	283·0	30th	289·1	289·0	+ 0·9	90	
1222a	Santiago	33 27	70 42	520	954·0	1014·1	- 1·0	295·0	302·0	5th	282·3	277·9	30th	288·7	287·6	+ 0·3	18	
1223	Cordoba	31 25	64 12	423	965·5	1014·1	0·0	296·5	305·6	16th	287·2	282·9	23rd	291·9	291·5	+ 1·8	114	
1224	Bahia Blanca	38 45	62 16	28·7	1013·7	1017·1	+ 2·6	296·0	304·5	1st	284·9	275·7	22nd	290·4	290·0	+ 1·7	17	
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1014·1	1017·1	+ 1·1	296·4	304·0	2nd	287·8	279·7	23rd	292·1	291·5	+ 2·2	136	
1226	∮Montevideo (Prado)	34 52	56 12	24·9	1013·8	1017·1	+ 1·6	295·8	304·2	16th	286·9	280·3	23rd	291·4	291·2	+ 0·8	121	
1226a	Porto Alegra	30 2	W. 51 13	23·5	1013·7	1016·4	+ 0·4	299·9	306·1	26th	289·1	282·0	23rd	294·5	294·1	+ 0·7	69	
1239	Cape Town	33 56	E. 18 29	12·2	1015·9	1017·4	+ 1·3	296·2	304·3	27th	284·6	279·1	15th,16th	290·4	288·6	+ 0·1	24	
1240	Danger Point	34 37	19 18	27·7	..	..	..	292·2	296·3	1st	286·2	282·4	25th	289·2	..	- 0·2	31	
1241	Riversdale	34 6	21 16	61·0	..	..	..	297·7	303·6	30th	283·2	278·0	15th	290·5	..	- 0·9	38	
1242	East London	33 1	27 54	45·4	1011·3	1016·7	- 0·2	295·9	300·8	8th	287·6	283·7	27th	291·7	..	- 0·1	23	
1259	Perth (Observatory)	31 57	115 51	60·0	1009·7	1016·7	- 1·7	298·1	304·8	11th	287·4	281·8	17th	292·8	292·6	+ 0·5	58	
1260	∮Katanning	33 42	117 35	310	981·5	1017·6	- 0·9	296·4	304·5	12th	283·3	277·3	24th	289·9	..	+ 0·5	32	
1261	∮Coolgardie	30 57	121 10	423	968·8	1017·4	- 0·8	296·4	305·2	14th	284·2	278·6	16th	290·3	290·3	- 1·2	74	
1262	Eucla	31 45	128 58	4·6	1017·8	1018·4	- 0·4	294·7	303·6	15th	286·6	279·1	17th	290·6	290·1	- 1·2	26	
1263	Streaky Bay	32 48	134 13	13·1	1018·3	1019·6	- 0·5	296·5	301·9	15th	285·8	281·3	3rd	291·1	290·5	+ 0·2	11	
1264	Adelaide	34 56	138 35	42·7	1015·0	1020·2	+ 0·2	297·2	304·7	19th	286·1	282·9	2nd	291·7	291·3	+ 0·9	25	
1265	Melbourne	37 49	144 58	35·1	1015·7	1020·1	+ 0·6	293·2	301·0	17th	282·1	277·5	27th	287·7	287·4	- 0·6	44	
1266	Bourke	30 13	145 58	110	1007·0	1019·8	+ 0·7	299·4	306·3	22nd	286·0	279·1	26th	292·7	..	- 0·7	6	
1267	Sydney	33 51	151 13	42·1	1014·2	1019·2	+ 0·8	293·9	302·7	1st	286·6	282·9	26th	290·2	289·8	- 1·0	124	
1268	Lord Howe Island	31 20	159 0	4·9	1016·2	1016·8	- 1·8	295·1	298·3	2nd	289·9	285·8	29th	292·5	..	- 0·8	702	
1271	Auckland	36 51	174 48	13·4	..	1020·6	+ 2·2	292·2	294·2	28th	284·6	279·9	14th	288·4	..	- 0·8	72	
1272	Napier	39 29	176 55	1·5	..	..	..	291·4	296·3	10th	283·7	275·2	13th	287·6	..	- 0·3	41	
		S.	E.															

APRIL - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	W.															
1301	Chatham Island	43 52	176 42	45·7	..	1020·4	+ 5·9	..	..	..	..	..	..	..	..	..	48	
1321	Isla Guafo	43 34	74 45	140	997·0	1013·9	- 0·1	285·3	287·5	3rd	282·3	279·8	22nd	283·8	283·7	+ 0·5	99	
1322	∮Punta Galera	40 1	73 44	40	1008·3	1013·1	- 2·5	289·9	295·5	4th	284·0	281·0	21st,29th	286·9	286·7	+ 2·1	172	
1323	Sarmiento	45 33	69 1	272	981·6	1014·1	+ 3·8	292·1	301·0	6th	277·5	268·8	27th	284·8	284·2	+ 0·6	8	
1324	Puerto Madryn	42 46	W. 65 2	14	1014·2	1015·9	+ 4·3	294·0	303·2	15th	279·6	272·0	22nd	286·8	287·7	+ 0·6	12	
1365	Launceston	41 27	E.147 10	81·1	1009·3	1018·9	+ 3·0	291·2	297·0	22nd	281·1	274·1	28th	286·2	285·4	+ 0·7	63	
1366	Hobart	42 53	147 20	53·9	1011·4	1017·9	+ 3·2	289·1	298·4	22nd	281·7	275·7	11th	285·4	284·6	- 0·5	51	
1369	Invercargill	46 25	168 21	3·7	..	..	..	287·5	295·2	3rd	278·5	270·8	22nd	283·0	..	- 0·6	31	
1370	Alexandra	45 15	169 24	159	..	..	..	289·9	296·9	3rd	276·7	270·8	22nd	283·3	282·9	..	6	
1371	Dunedin	45 52	170 31	6·1	..	1018·6	+ 3·4	289·3	296·3	4th,15th	280·7	275·8	22nd	285·0	..	+ 1·0	36	
1371a	Christchurch	43 32	172 39	7·6	..	1019·8	+ 4·5	288·7	296·4	15th	280·3	272·2	23rd	284·5	..	- 0·5	13	
1372	Wellington	41 16	174 46	128	..	1020·2	+ 2·6	290·1	294·1	2,3,7	283·0	277·6	23rd	286·5	285·7	- 0·4	98	
		S.	E.															

APRIL - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	W.															
1421	∮Islota de los Evangelistas	52 24	75 6	55	1000·8	1007·5	+ 6·3	282·8	287·3	14th	279·1	277·2	Sev.dates	280·9	281·0	+ 1·1	179	
1422	Magallanes (Punta Arenas)	53 10	70 54	28	1003·2	1006·6	+ 5·3	283·8	290·8	5th	277·7	273·0	19th	280·7	280·6	+ 1·0	19	
1423	Punta Dungeness	52 24	68 26	5	1005·0	1005·6	+ 4·7	284·2	296·0	6th	278·3	275·4	30th	281·3	280·9	+ 0·8	3	
1424	Santa Cruz	50 1	68 31	13	1008·1	1009·7	+ 5·5	288·1	300·5	6th	276·7	270·4	29th	282·4	282·3	+ 0·5	10	
1425	Stanley,Falkland Is.	51 42	57 51	1·8	..	1006·1	+ 4·7	283·7	288·0	11,14,16	275·6	269·7	20th	279·6	..	+ 0·6	46	
1426	Cape Pembroke	51 41	57 42	21·3	1001·7	1004·3	+ 3·5	282·5	286·3	13th	276·4	272·4	20th	279·5	279·7	0·0	..	
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	988·6	989·1	- 6·8	277·0	289·0	7th	271·7	267·6	30th	274·3	274·6	- 0·8	115	
		S.	W.															

APRIL - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	W.															
1527	South Orkneys	60 43	44 47	7	984·9	985·8	- 5·2	269·6	276·9	6th	262·1	251·4	30th	265·8	266·0	- 3·9	29	

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

∮Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, MAY 1930

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF MAY, 1930 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

MAY - ZONE 1.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
101	Wrangell Island	70 58	178 33	6·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1016·6	- 2·4	270·3	278·0	30th	263·6	254·1	2nd,12th	266·9	..	+ 1·3	1	- 2
125	Upernivik	72 47	56 7	19·2	1011·1	1013·5	- 2·5	273·6	283·5	6th	267·7	265·0	22nd	270·7	270·5	+ 1·5	37	+23
131	Myggbukta	73 30	21 30	3·2	..	1020·2	..	..	277·5	31st	..	252·0	5th	..	267·8	..	..	..
132	Scoresbysund	70 29	21 58	16·9	1013·0	1015·1	..	273·9	277·2	31st	266·6	260·0	1st	270·3	271·1	..	6	..
135	Jan Mayen	70 59	W. 8 18	23·1	1010·6	1013·5	- 2·0	..	279·3	28th	272·0	268·7	6th	..	274·4	+ 1·8	29	+14
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1013·3	1014·7	- 1·5	..	277·2	21st	267·4	258·5	8th	..	270·7	+ 2·6	16	+ 4
140	Bjornoen	74 28	19 17	29·2	1010·1	1013·8	- 0·1	..	278·9	23rd	271·1	267·6	4th	..	272·5	+ 1·4	20	- 1
141	Ingöy	71 4	24 6	4·3	1012·9	1013·4	+ 0·2	..	283·6	20th	275·0	270·9	5th	..	277·1	+ 0·9	22	- 7
142	Sletnes	71 5	28 14	10·2	1013·0	1014·3	+ 0·4	..	285·7	20th	274·4	270·3	5th	..	276·7	..	24	..
143	Vardö	70 22	31 5	11·8	1013·1	1014·6	- 0·1	..	288·3	20th	274·5	271·0	4th	..	276·4	+ 1·7	13	-22
147	Malye Karmakouly	72 23	52 43	15·3	1013·5	1015·4	+ 2·4	..	..	..	..	..	..	..	277·8	- 0·4	5	-12
148	Kalgatz	70 24	58 47	11·2	1012·7	1014·1	+ 0·5	..	..	..	..	..	..	..	277·4	+ 0·7	3	- 6
153	Dickson	73 31	80 23	13·0	1010·6	1012·3	- 1·2	..	..	..	..	..	..	..	265·8	+ 1·4	6	0
162	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

MAY - ZONE 2.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
201	Preobrajenye	64 52	175 18	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	272·3	278·0	25th,28th	266·9	257·4	8th	269·6	..	..	13	..
203	∮Nome	64 30	165 24	6·7	1007·8	1008·4	- 3·3	276·9	285·2	15th	269·7	260·2	8th	273·3	273·7	- 1·1	12	- 8
204	Bethel	60 45	161 47	11·6	..	1006·4	..	280·8	288·0	30th	272·0	264·1	9th,10th	276·4	..	- 0·5	14	- 7
205	∮Tenana	65 10	152 6	69·5	1000·4	1008·4	- 3·2	287·9	298·6	30th	274·7	267·4	1st	281·3	281·7	+ 1·5	13	- 8
206	Rampart	65 30	150 15	114	..	..	..	285·7	299·7	28th	273·3	266·9	7th	279·5	..	- 0·6	19	+ 7
207	Valdez	61 7	146 16	122	..	..	..	279·7	284·1	30th	273·7	271·3	11th	276·7	..	..	128	..
208	∮Eagle	64 46	141 12	248	979·1	1009·5	- 1·3	288·7	298·0	29th	273·3	267·4	7th	281·0	282·1	+ 0·9	25	+ 4
209	Dawson	64 4	139 29	324	970·5	1009·3	..	288·9	297·4	29th	274·0	267·4	2nd,7th	281·5	282·3	+ 0·6	21	- 2
210	Aklavik	68 14	134 50	7·6	1011·7	1012·6	..	281·1	294·1	27th	269·1	258·0	3rd	275·1	275·2	..	56	..
211	∮Fort Good Hope	66 15	128 38	65·2	1007·4	1015·4	..	287·3	299·7	19th	272·4	263·0	2nd	279·9	..	+ 3·7	13	- 5
212	Fort Simpson	61 52	121 35	129	998·5	1014·3	..	287·6	294·7	30th	273·9	268·0	14th,21st	280·7	280·6	+ 1·0	13	-23
213	Hay River	60 51	115 57	161	994·6	1014·5	..	283·8	296·9	29th	269·6	261·3	22nd	276·7	276·4	- 0·4	7	-14
225	Jacobshavn	69 13	51 2	31·6	1006·4	1010·4	- 3·8	276·5	285·5	6th,7th	271·6	264·2	22nd	274·1	274·3	+ 1·6	30	+16
226	Godthaab	64 10	51 43	20	..	..	..	279·9	287·6	7th	273·2	268·4	21st	276·5	275·9	+ 2·2	5	-37
227	Ivigtut	61 12	48 10	30·0	1004·7	1008·4	- 3·4	282·7	288·4	25th	273·6	269·2	12th,13th	278·1	277·6	+ 0·1	..	..
229	Angmagsalik	65 36	37 33	29·3	1008·3	1012·0	- 3·5	279·9	286·7	25th	272·5	268·0	1st	276·2	275·9	+ 1·9	17	-49
231	Stykkisholm	65 5	22 46	25	..	1008·6	- 5·0	283·0	287·5	23rd	276·2	273·6	28th	279·6	279·5	+ 2·2	29	- 6
232	Vestmanno	63 24	20 17	132	..	1008·8	- 3·9	282·0	284·5	25th	278·0	275·5	28th	280·0	280·0	+ 1·3	90	+10
233	Grimsey	66 33	18 1	22	..	1009·8	- 4·9	279·0	285·4	24th	..	..	..	..	276·6	+ 1·9	13	- 1
234	Teigarhorn	64 41	14 22	18	..	1010·3	- 3·6	284·7	295·2	25th	276·7	272·2	7th	280·7	279·6	+ 2·4	61	-10
235	Höjvig	62 3	6 45	22·9	1009·0	1011·8	- 2·6	283·3	286·7	23rd	278·2	272·4	7th	280·7	280·6	+ 0·7	62	-23
236	Lerrick	60 8	W. 1 11	18·0	..	1012·5	- 1·2	283·5	286·9	1st,30th	279·1	274·7	7th,8th	281·3	281·4	+ 0·9	39	-14
237	Bergen(Fredriksberg)	60 24	E. 5 19	44·4	1007·2	1012·6	- 1·2	287·8	298·4	23rd	280·4	276·8	10th	284·1	283·6	+ 1·5	75	-14
238	Aalesund	62 28	6 10	6·3	1012·2	1013·0	- 1·0	..	289·1	18th	279·8	276·0	4th	..	282·0	+ 1·2	17	-44
239	Trondheim	63 26	10 25	59·2	1006·0	1013·2	- 1·5	287·1	295·7	28th	278·7	272·0	5th	282·9	283·0	+ 2·3	28	-11
240	Bodö	67 17	14 26	17·0	1012·4	1014·4	+ 0·4	..	291·5	27th	277·8	272·1	15th	..	281·1	+ 2·3	35	-16
241	Haparanda	65 50	24 9	9·2	1013·4	1014·5	+ 0·2	286·2	296·0	26th	276·4	270·5	5th,6th	281·3	281·2	+ 3·8	12	-19
242	Helsingfors	60 10	24 57	11·7	1011·9	1013·3	- 1·9	288·4	297·0	22nd	280·5	271·8	6th	284·5	284·3	+ 3·5	59	+14
242a	Kuopio	62 55	27 40	233	985·9	1014·0	- 0·7	288·1	298·0	25th	278·1	270·5	4th	283·1	282·9	+ 2·7	46	+ 5
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Arkhangelsk	64 34	40 31	6·3	1012·3	1013·1	- 0·9	..	..	..	..	..	..	..	275·4	+ 1·4	50	+20
246	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 25	52 18	? 68	1003·8	1012·3	- 1·1	..	..	..	..	..	..	..	274·7	- 0·8	26	- 8
248	Tcherdyn	60 24	56 31	?208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	46	1006·7	1012·5	- 1·2	..	..	..	..	..	..	..	273·9	- 1·5	25	-12
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Gourgout	61 15	73 24	48	1003·9	1009·9	- 3·2	..	..	..	..	..	..	..	276·1	- 0·5	34	- 1
253	Doudinka	69 23	86 4	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	1002·6	1008·2	- 4·5	..	..	..	..	..	..	..	274·0	+ 2·2	18	- 6
261	Villouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakhoutsk	62 1	129 43	108	996·7	1009·9	+ 0·7	..	..	..	..	..	..	..	277·2	- 1·4	8	- 9
263	Verkholansk	67 33	133 24	100	991·9	1004·4	- 3·1	..	..	..	..	..	..	..	271·5	- 3·6	16	+ 9
264	Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Nalakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Marinskii Post	64 45	177 33	17·2	1010·4	1012·6	- 2·9	..	..	..	..	..	..	..	269·1	- 0·4	6	- 4
		N. ° ,	E. ° ,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal		Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.		mm.	mm.
302	ɸSt. Paul Island	57 15	170 10	28·0	..	1003·0	- 6·6	276·6	280·8	28th	272·3	267·4	4th,8th	274·4	..	0·0	44		
303	ɸDutch Harbor (Radio)	53 55	166 30	4·0	1002·8	1003·4	- 4·9	280·8	286·9	24th	274·4	270·8	8th	277·6	‡277·3	- 0·2	104		
304	Chernofski Harbor	54 27	166 42	?	..	..	..	279·8	283·0	23rd	274·4	271·9	5th	277·1	..	..	128		
305	Dillingham	59 0	158 28	24·4	..	..	..	282·2	286·3	20th,21st	267·1	260·8	6th	274·6	..	- 3·6	44		
306	ɸKodiak (Radio)	57 47	152 22	4·6	1007·2	1007·8	- 1·0	281·6	287·4	20th	275·4	269·7	9th	278·5	‡277·9	- 0·6	139		
309	Sitka	57 3	135 19	19·8	..	..	..	284·8	298·6	27th	275·3	270·8	3rd	280·1	..	- 1·1	111		
310	Prince Rupert	54 18	130 18	51·8	1009·0	1015·4	+ 0·2	285·1	293·0	27th	277·1	274·1	6,7,8	281·1	281·2	- 0·7	102		
311	Prince George	53 50	122 48	570	944·6	1011·8	..	289·9	298·6	13th,15th	274·1	266·3	4th	282·0	281·8	- 0·3	50		
312	Kamaloops	50 41	120 29	385	968·3	1013·6	- 2·6	292·1	300·8	15th	280·1	273·6	8th	286·1	286·1	- 1·3	15		
313	Calgary	51 2	114 2	1058	892·3	1013·1	+ 1·5	287·7	296·3	2nd,17th	274·9	270·8	23rd	281·3	281·2	- 1·2	30		
314	Fort Smith	60 0	111 52	183	988·7	1011·0	..	286·5	296·3	17th,28th	273·2	265·2	22nd	279·9	280·0	+ 0·3	24		
315	ɸPrince Albert	53 10	105 38	437	961·6	1013·6	- 0·3	289·0	301·9	31st	275·1	269·7	16th,23rd	282·1	281·8	- 0·7	35		
316	Qu'Appelle	50 30	103 47	651	936·5	1012·9	- 0·4	287·3	303·0	3rd	275·2	266·3	16th	281·3	281·4	- 1·8	33		
317	ɸMinnedosa	50 15	99 50	515	951·6	1012·5	- 1·1	288·0	304·1	3rd	275·1	267·4	17th	281·6	281·4	- 1·3	42		
318	ɸBerens River	52 18	97 23	216	..	..	..	288·6	300·8	4th,22nd	273·7	266·3	6th	281·1	..	+ 2·0	50		
319	Pagwa	50 3	85 18	189	..	..	..	290·4	303·0	10th	..	..	..	..	..	..	25		
320	Moose Factory	51 14	80 30	9·1	1011·2	1012·3	..	284·3	302·4	22nd	272·5	264·1	18th	278·4	278·2	- 0·3	..		
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..		
322	Mistassini Post	50 15	73 55	383	..	..	..	285·8	299·1	23rd	272·0	262·4	10th	278·9	..	+ 0·3	99		
323	Natashquan	50 8	61 48	6·1	..	..	..	282·9	291·9	27th	272·6	266·9	6th	277·7	..	+ 0·1	31		
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	Sea Temp.	..	..	..	..	..	..	..		
333a	62°-57°N. 20°-15°W.	††59 13	††17 31	§(36)	..	..	..	..	..	282·3|+0·2	..	..	..	..	282·4	..	..		
334	Valentia Observatory	51 56	10 15	13·7	1013·9	1015·6	+ 0·1	287·1	290·9	31st	281·1	277·0	4th	284·1	284·3	0·0	77		
335	Aberdeen	57 10	W. 2 6	26·0	1010·6	1013·8	- 0·9	284·4	293·0	27th	278·5	274·4	7,8,10	281·5	281·5	0·0	25		
336	Greenwich	51 28	0 0	46·3	..	1014·6	- 0·9	290·4	296·3	29th	280·6	276·9	1,8,9	285·5	284·8	+ 0·1	77		
337	Ucole	50 48	E. 4 22	100	1002·0	1014·1	- 1·2	291·0	299·1	30th	280·5	273·0	8th,9th	285·7	284·8	- 0·4	119		
338	De Bilt	52 6	5 11	3·0	1013·2	1013·6	- 1·7	289·8	297·0	31st	280·0	272·9	9th	284·9	284·7	- 0·4	45		
338a	Hamburg	53 33	9 58	40·3	1009·1	1014·0	- 1·4	289·6	295·5	31st	280·9	275·2	11th	285·3	284·9	- 0·1	56		
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1013·0	1013·6	- 1·5	288·4	294·7	25th	280·2	275·8	1st,11th	284·3	284·5	+ 1·7	111		
340	Potsdam	52 23	13 4	84·9	1003·2	1013·4	- 1·7	291·5	297·4	18th	280·9	274·6	1st	286·2	285·9	0·0	60		
340a	Uppsala	59 51	17 38	24	1010·4	1013·3	- 1·1	290·0	298·8	24th	277·5	270·2	16th	283·8	284·1	+ 0·1	24		
341	Warsaw	52 13	21 3	88·3	1002·8	1013·4	- 2·8	292·7	298·3	29th	281·8	275·8	11th	287·3	286·5	..	54		
342	Tartu (Ülikooli)	58 23	26 43	80·8	1003·4	1013·2	- 1·1	290·7	301·0	25th	280·2	271·4	6th	285·5	285·4	+ 2·5	84		
343	Leningrad	59 56	30 16	4·8	1012·4	1013·0	- 1·5	..	..	..	..	..	..	..	285·3	+ 3·2	31		
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..		
344a	Moscow	55 50	37 33	164	995·1	1014·8	- 0·6	..	..	..	..	..	..	..	285·1	+ 0·3	32		
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..	..		
346	Kazan	55 47	49 8	80·6	1005·0	1014·6	- 1·3	293·1	302·9	28th	280·6	272·4	3rd	286·9	287·0	+ 1·0	1		
347	Orenburg	51 45	55 6	109	1002·0	1015·0	- 1·5	..	..	..	..	..	..	..	288·7	+ 1·2	13		
348	Perm	58 1	56 16	163	993·0	1012·6	- 2·5	..	..	..	..	..	..	..	283·7	+ 0·7	20		
349	Sverdlovsk	56 50	60 38	281	978·0	1011·6	- 2·8	..	..	..	..	..	..	..	283·7	+ 0·8	35		
350	Tobolsk	58 12	68 14	108	998·7	1011·9	- 3·1	..	..	..	..	..	..	..	280·3	- 1·8	35		
351	Akmolinsk	51 12	71 23	347	970·8	1011·7	- 4·9	..	..	..	..	..	..	..	285·5	- 0·3	15		
352	Omsk	55 1	73 19	108	997·9	1011·0	- 3·9	..	..	..	..	..	..	..	282·3	- 1·6	28		
353	Barnaoul	53 20	83 47	158	993·0	1012·0	- 3·6	..	..	..	..	..	..	..	284·1	+ 0·2	62		
354	Tomsk	56 30	84 58	123	994·6	1009·5	- 4·8	..	..	..	..	..	..	..	280·1	- 1·0	38		
355	Minousinsk	53 43	91 41	249	981·1	1010·9	- 4·3	..	..	..	..	..	..	..	282·6	- 0·8	34		
356	Eniseisk	58 27	92 10	81·2	999·6	1009·5	- 3·0	..	..	..	..	..	..	..	279·0	- 1·0	80		
357	Irkutsk	52 16	104 19	467	956·6	1012·1	- 1·9	..	..	..	..	..	..	..	281·0	- 0·2	77		
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..		
359	Tchita	52· 2	113 30	685	929·0	1009·0	0·0	..	..	..	..	..	..	..	280·8	- 0·3	53		
360	Nertchinskii Zavod	51 19	119 37	621	934·6	1007·0	- 0·9	..	..	..	..	..	..	..	281·7	+ 0·1	22		
361	Tygan Ourcan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..		
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	989·5	1006·5	- 0·7	..	..	..	..	..	..	..	284·2	+ 0·6	18		
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..		
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1003·8	1009·1	- 0·4	..	..	..	..	..	..	..	276·0	- 0·4	22		
366	Okhotsk	59 21	143 17	5·5	1010·4	1011·1	- 0·8	..	..	..	..	..	..	..	273·0	- 0·3	25		
368	Petropavlovsk (Phare)	52 53	158 43	87·1	996·4	1007·2	- 2·7	..	..	..	..	..	..	..	274·0	- 1·2	87		
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..		
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..		
		° N.	° E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
§Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
ɸChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal		Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.		mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1006·6	1015·2	- 1·2	287·7	293·0	27th	280·4	276·9	4th,7th	284·1	283·6	- 0·6	13	-16	
412	Portland, Oregon	45 32	122 41	46·6	1011·6	1016·9	- 0·2	290·7	298·6	12th	280·9	275·8	4th	285·8	285·4	- 0·9	78	+20	
413	Macleod	49 44	113 24	953	..	..	..	288·9	296·3	28th	276·9	271·3	22nd	282·9	283·1	- 0·2	46	- 5	
414	Helena	46 34	112 4	1253	870·4	1011·2	- 1·6	290·6	301·3	28th	278·1	272·4	11th	284·3	284·0	+ 0·3	20	-34	
414a	Salt Lake City	40 46	111 54	1329	863·5	1010·1	- 1·0	292·4	303·0	27th	280·8	273·6	8th	286·6	286·6	- 1·0	39	-12	
415	Cheyenne	41 8	104 48	1856	811·0	1012·5	- 0·1	287·2	298·6	21st	275·2	266·3	18th	281·2	281·0	- 2·2	126	+65	
416	North Platte	41 8	100 45	860	914·3	1012·5	- 0·3	293·0	306·3	26th	280·6	273·6	17th	286·8	286·7	- 1·0	155	+83	
416a	Bismarck	46 47	100 38	510	952·1	1012·5	- 1·4	290·1	303·6	20th	277·6	271·3	17th	283·8	283·8	- 1·4	56	- 6	
417	Winnipeg	49 53	97 7	232	985·1	1013·0	..	288·6	305·8	21st	277·8	269·7	17th	283·2	283·2	- 0·9	104	+53	
418	Duluth	46 47	92 6	345	972·6	1013·9	- 0·7	287·6	298·6	1st	277·3	270·2	17th	282·4	282·1	+ 0·7	88	+ 2	
419	ɸPort Arthur	48 27	89 12	196	990·4	1014·0	- 1·1	287·8	299·7	5th	277·1	270·8	18th,25th	282·4	282·5	+ 1·2	82	+29	
420	Chicago	41 47	87 35	205	991·3	1015·9	+ 1·4	293·6	303·0	6th	284·9	279·1	17th	289·2	289·0	+ 1·5	55	-36	
421	Toronto	43 40	79 24	116	1001·7	1015·6	+ 0·4	292·9	303·0	7th	281·7	275·2	31st	287·3	287·1	+ 2·2	70	- 1	
422	ɸNew York (Central Park)	40 47	73 58	47·4	1009·3	1014·9	- 0·6	295·8	305·8	7th	285·4	280·2	27th	290·6	290·4	+ 1·6	87	+ 4	
423	ɸSt.John, N.B.	45 17	66 4	36·3	1008·8	1013·2	..	287·3	295·2	7th	277·7	274·7	12th	282·5	282·3	+ 0·4	52	-42	
424	S.W. Point, Anticosti	49 24	63 33	8·1	1011·7	1012·8	..	280·7	288·6	26th	274·9	271·9	5th, 6th	277·8	277·8	+ 0·5	36	-26	
424a	Sable Island (Main Station)	43 57	60 6	7·6	1012·8	1013·7	..	281·1	284·7	19th,20th	276·8	274·7	15th,22nd	278·9	278·7	- 0·5	43	-44	
425	Port aux Basques	47 35	59 10	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
435	Madrid	40 24	3 41	667	940·2	1016·7	+ 1·4	294·5	301·1	14th,15th	283·1	278·6	9th	288·8	288·5	+ 0·1	43	+ 3	
436	Nantes	47 15	W. 1 34	36·5	1011·6	1016·0	+ 0·2	289·8	296·2	17th	281·0	277·8	3rd,9th	285·4	285·4	- 1·2	38	-20	
437	Paris (Parc St.Maur)	48 49	E. 2 30	50·3	1009·9	1016·0	0·0	290·6	297·5	30th	281·3	274·6	9th	286·0	285·8	- 0·6	87	+36	
438	Marseille	43 18	5 23	75	..	1014·2	+ 0·6	293·6	301·2	29th	284·0	280·5	4th	288·8	288·9	- 0·3	54	+10	
438a	Zürich	47 23	8 33	493	957·7	1015·5	- 0·2	291·2	300·9	30th	280·7	276·2	9th	285·9	284·9	- 1·1	182	+75	
439	Rome	41 54	12 29	45·5	1009·2	1014·5	+ 0·3	295·5	304·1	29th	285·1	282·4	9th	290·3	290·3	- 0·4	64	+ 9	
440	Vienna	48 15	16 22	203	989·5	1013·6	- 0·7	291·2	299·0	30th	282·3	277·6	9th	286·8	286·8	- 1·2	43	-28	
440a	Budapest	47 31	19 1	130	997·7	1013·2	- 0·8	294·3	302·7	30th	283·6	278·5	10th	288·9	288·5	- 0·5	50	-22	
441	Sofia	42 42	23 20	550	950·0	1013·6	- 0·7	292·4	302·8	31st	283·2	278·8	15th	287·8	287·7	- 0·4	68	-19	
442	Bucharest	44 25	26 6	82	1003·1	1012·8	- 1·2	295·5	305·3	31st	284·6	280·6	4th	290·1	289·5	- 0·3	88	+25	
443	Odessa (Observatory)	46 26	30 46	42·8	1008·7	1013·7	- 1·2	291·6	300·3	31st	284·7	277·2	3rd	288·1	287·9	- 0·7	46	+15	
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
444a	Novorossiisk	44 44	37 49	37·1	1009·8	1014·2	- 0·3	..	..	..	..	..	..	..	288·8	+ 0·2	47	+ 8	
445	Tiflis	41 43	44 48	404	968·2	1014·7	0·0	296·4	301·0	12th	285·9	281·6	4th	291·2	290·8	+ 1·0	112	+31	
446	Astrakhan	46 21	48 2	- 20	1017·6	1015·2	+ 0·1	..	..	..	..	..	..	..	291·6	+ 1·1	7	-11	
447	Fort Alexandrovsk	44 31	50 7	- 23·0	1017·0	1014·3	- 0·4	..	..	..	..	..	..	..	290·4	+ 0·1	2	-13	
448	Krasnovodsk	40 0	52 59	- 44·6	1014·8	1014·3	+ 0·4	..	..	..	..	..	..	..	293·3	- 0·3	13	+ 3	
449	Kasalinsk	45 46	62 8	66·7	..	..	..	..	..	..	..	..	..	..	291·7	+ 1·9	4	- 6	
450	Tashkent	41·20	69 18	479	958·2	1012·4	- 0·5	299·8	306·5	9th	286·4	278·0	12th	293·1	293·2	+ 0·3	21	-10	
451	Andijan	40 47	72 23	503	955·9	1012·8	..	301·7	307·5	9th	289·0	284·5	13th	295·4	294·5	..	10	..	
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	289·5	..	110	..	
461	Moukden	41 46	123 24	44·8	1004·0	1009·2	+ 0·2	297·7	303·7	28th	284·3	276·8	3rd	291·0	290·9	+ 2·1	22	-37	
462	Joehin	40 40	129 12	31·9	1007·5	1011·3	+ 1·1	291·2	300·9	30th	282·0	277·5	7th	286·6	286·0	+ 2·2	5	-57	
463	Yukt	42 20	130 24	63·8	1003·3	1011·0	+ 0·7	289·1	303·1	30th	280·0	274·7	1st	284·5	284·2	+ 1·6	19	-57	
464	Vladivostok	43 7	131 54	128	995·1	1010·6	+ 0·3	..	..	..	..	..	..	..	282·6	0·0	30	-20	
465	Ochiai	47 20	142 47	27·4	1006·9	1010·3	- 0·4	284·2	298·3	27th	273·9	269·7	12th	279·1	278·8	+ 0·3	68	- 7	
466	Nemuro	43 20	145 35	26·7	1008·9	1012·2	+ 0·7	284·6	292·3	28th	275·9	272·7	6th	280·3	279·8	+ 0·3	87	- 7	
466a	Syana	45 14	147 53	39·3	1006·8	1011·7	+ 0·1	281·9	292·7	28th	273·7	269·8	27th	277·8	277·8	- 0·4	106	+28	
		° N.	° E.																

BETWEEN LATITUDE 40° N. AND 30° N.

MAY - ZONE 5 (AMERICA).

508	35°-30°N. 145°-140°W.	N.	W.		..	1026·1	+ 1·4	..	..	Sea Temp. 291·3| 0·0	..	..	..	..	290·2	- 0·6	..	..
511	San Francisco	††31 18	††141 54	§(27)	1009·9	1015·6	- 0·2	289·7	298·0	22nd	283·1	280·8	7th	286·4	285·9	+ 0·3	4	-15	
512	Sacramento	37 48	122 26	47·2	1011·5	1013·9	+ 0·2	295·7	304·1	23rd	281·7	277·4	11th	288·7	288·4	- 1·7	9	-10	
513	San Diego	38 35	121 30	21·0	1011·5	1014·5	+ 0·3	291·6	294·1	20th	285·6	281·3	4th	288·6	288·5	- 0·2	46	+38	
514	Modena	32 43	117 10	26·5	829·9	1009·5	- 0·8	290·2	299·1	28th	275·0	269·1	9th	282·6	282·6	- 2·1	33	+12	
515	Santa Fé	37 48	113 54	1668	785·7	1009·5	- 0·1	291·3	299·7	21st	277·3	271·3	10th	284·3	284·8	- 2·0	10	-17	
516	Denver	35 41	105 57	2138	834·8	1011·5	- 0·5	292·2	303·6	21st	278·9	271·9	18th	285·6	285·2	- 1·1	27	-34	
517	Abilene	39 45	105 0	1613	952·2	1012·2	+ 0·7	301·8	306·9	22nd	289·4	281·9	24th	295·6	295·0	+ 0·5	137	+39	
518	Saint Louis	32 23	99 40	530	995·2	1015·6	+ 1·4	297·7	304·1	8th	287·6	280·8	30th	292·6	292·7	+ 0·6	43	-71	
519	Mobile	38 38	90 12	173															
520	Nashville	30 41	88 2	17·4	1015·4	1017·3	+ 2·1	300·9	304·1	12th	292·4	287·4	25th	296·7	296·4	+ 0·8	90	-21	
521	Charleston	36 10	86 47	166	998·5	1018·3	+ 2·6	297·8	304·1	4th	288·3	283·6	30th	293·0	293·5	- 0·2	133	+37	
522	Washington	32 47	79 56	14·6	1016·8	1018·6	+ 2·4	300·8	306·3	20th	292·9	285·2	31st	296·9	296·7	+ 1·6	19	-67	
524	Bermuda	38 54	77 3	34·1	1012·5	1016·6	+ 1·0	308·0	308·0	7th	286·5	280·2	26th	292·6	292·2	+ 1·8	46	-46	
		32 17	64 46	38·1	1015·3	1020·7	..	298·0	300·2	7th,18th	291·3	288·0	13th	294·7	294·2	- 0·1	29	-87	
		° N.	° W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.	

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
§Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
ɸChange of normals, see Table of Authorities, pages 105-15.

MAY - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
530	Santa Cruz (Flores)	39 27	31 9	40	1019·0	1023·8	+ 2·6	293·1	297·5	29th	287·9	284·4	2nd	290·5	290·3	+ 0·7	1 4	- -
531	Horta	38 32	28 38	65	1016·9	1024·7	+ 3·5	293·0	296·4	30th	287·9	283·9	3rd	290·5	290·1	+ 0·3	58	--
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	..	..
533	Madeira (Funchal)	32 38	16 55	25	1019·7	1022·7	+ 3·8	293·8	297·0	16th,18th	289·0	287·0	2nd	291·4	291·5	+ 1·0	0	0
535	Lisbon	38 43	9 9	95	1007·5	1018·8	+ 3·6	294·0	302·5	18th	286·1	282·8	5th	290·0	289·6	0·0	15	-15
535a	◊Melilla	35 17	2 59	40	1013·3	1018·0	+ 2·3	295·1	300·8	15th	288·9	285·3	29th	292·0	292·1	+ 0·3	19	- 6
536	Gibraltar	36 6	5 21	27·4	..	1017·8	+ 1·5	296·3	305·2	15th	286·9	284·1	5th,10th	291·6	290·4	0·0	9	..
536a	Colomb-Béchar	31 37	W. 2 13	769	926·6	1010·3	- 0·1	304·9	311·2	22nd	290·4	283·1	2nd	297·7	297·6	+ 1·2	0	--
537	Palma	39 34	E. 2 39	23	1013·6	1016·3	+ 0·6	296·6	301·3	31st	284·1	278·4	9th	290·4	290·3	- 0·9	9	--
538	Algiers (University)	36 46	3 13	59	1009·9	1016·9	+ 1·9	295·4	303·3	15th	288·3	285·3	9th	291·9	291·4	+ 0·3	42	+ 4
538a	Gadames	30 8	9 30	351	..	..	..	309·9	325·0	6th	289·3	281·5	9th	299·6	..	- 2·3	2	--
539	Tunis	36 48	10 10	66	1008·4	1016·2	+ 1·6	296·8	305·9	28th	286·3	281·3	10th	291·5	291·4	+ 0·1	19	--
540	Malta	35 54	14 31	71·2	..	1015·2	+ 1·2	293·8	300·2	31st	287·9	285·2	11th	290·9	290·0	- 1·0	9	--
541	Athens	37 58	23 43	107	1000·8	1013·3	- 0·1	296·5	306·7	30th	287·8	284·3	5th	292·1	292·0	- 0·5	34	--
542	Alexandria	31 12	29 53	32·0	1011·0	1014·7	+ 1·3	299·6	313·8	3rd	290·3	287·8	16th	295·0	294·2	+ 0·2	0	--
543	Ankara (Angora)	39 58	32 48	861	914·9	1011·8	- 1·1	294·4	302·2	28th	282·0	277·0	7th	288·2	288·2	..	61	--
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1013·6	+ 2·3	300·9	308·0	28th	286·4	283·0	6,7,9	293·7	..	- 0·5	6	--
544	Beirut	33 54	35 28	33·7	..	1013·8	+ 1·0	299·3	306·3	4th	290·7	288·3	7th	295·0	294·7	+ 0·5	1	--
545	Hinaidi	33 17	44 29	32·9	1005·9	1009·4	+ 0·3	309·4	315·6	31st	291·8	287·4	17th	300·6	301·2	- 0·5	2	--
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	868·6	998·0	..	301·3	306·1	8th	287·9	282·2	1st	294·6	294·7	+ 0·3	32	+ 4
548	Meshed	36 17	59 36	946	..	..	..	298·8	305·9	6th	..	..	..	..	..	..	56	--
549	Seistan	31 2	61 30	?610	952·1	..	..	306·6	310·1	9th	292·6	288·8	3rd	299·6	..	- 0·1	0	--
550	Quetta	30 10	67 1	1647	834·4	..	+ 0·3	303·0	306·9	29th	285·1	280·8	3rd	294·1	294·2	+ 1·2	3	--
551	Peshawar	34 1	71 35	355	965·6	1004·6	+ 0·2	310·8	314·7	7,9,30	294·3	291·3	1,6,13	302·6	302·4	+ 0·7	5	--
551a	Lahore	31 35	74 20	214	980·0	1003·6	+ 1·0	313·5	318·0	30th	297·1	292·4	1st,20th	305·3	305·1	+ 0·5	10	--
552	Simla	31 6	77 10	2202	781·4	..	+ 1·3	295·2	300·2	30th	287·2	279·7	18th	291·2	291·3	+ 0·4	42	--
552a	Leh	34 9	77 34	3503	668·4	..	+ 0·9	289·6	294·6	25th	275·6	272·1	1st	282·6	282·3	- 0·6	1	--
558	Sian	34 31	109 5	365	966·1	1006·9	..	304·1	312·4	11th,27th	292·0	283·0	2nd	298·0	298·7	..	19	--
559	Hankow	30 35	114 17	37·0	..	1011·5	+ 0·7	300·8	307·8	29th	292·1	286·2	2nd	296·5	296·0	+ 1·0	164	+ 7
560	Tientsin	39 9	117 9	6·4	..	1010·2	+ 0·6	301·4	308·7	31st	287·2	282·4	2nd,11th	294·3	293·8	+ 1·3	9	--
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1011·6	1012·4	+ 1·3	298·3	306·0	18th	288·7	283·3	6th	293·5	292·8	+ 1·2	99	+ 4
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1005·2	1013·6	+ 2·1	293·4	298·8	15th,26th	284·7	280·2	6th	289·1	288·6	+ 1·2	93	+ 4
562a	Nagasaki	32 44	129 52	133	998·3	1013·8	+ 1·8	296·3	302·6	31st	287·8	281·8	7th	292·1	291·6	+ 0·7	61	--
563	Kyoto	35 1	135 44	42·9	1009·0	1014·1	+ 2·1	297·0	303·0	30th	284·7	278·8	8th	290·9	290·7	+ 1·2	99	+ 4
564	Tokyo	35 41	139 46	5·8	1013·2	1013·9	+ 1·8	295·2	301·7	31st	286·4	282·1	8th	290·8	290·7	+ 1·1	105	+ 4
565	Hukusima	37 45	140 28	68·5	1005·7	1013·8	+ 2·1	294·9	302·1	8th	282·5	276·0	8th	288·7	288·7	+ 0·8	64	--
566	Miyako	39 38	141 59	30·4	1008·9	1012·6	+ 1·0	292·2	301·1	21st	280·3	275·0	1st	286·3	286·0	+ 0·7	116	+ 5
		N.	E.															

MAY - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N.	W.															
601	◊Midway Island	28 13	177 22	5·8	1021·9	1022·7	..	299·5	301·9	25th	290·5	288·6	10th	295·0	294·4	+ 0·2	16	--
605	Honolulu	21 19	157 52	11·6	1017·7	1018·9	+ 1·4	299·4	300·8	30th	294·8	293·6	4th	297·1	296·9	+ 0·3	8	--
613	Guaymas	27 55	110 53	8·3	1010·8	1011·7	..	303·9	309·8	24th,27th	292·6	288·5	6th	298·3	297·1	- 2·1	0	--
615	Leon	21 7	101 41	1809	820·0	1005·4	- 0·6	303·4	307·6	14th	287·5	284·8	29th	295·5	295·7	- 0·6	33	--
616	Monterry	25 40	100 18	528	951·6	1010·2	+ 1·4	303·2	311·3	16th	294·2	290·3	24th	298·7	298·1	- 0·7	77	--
617	Tulancingo	20 5	98 22	2181	789·7	..	+ 0·2	299·6	305·8	16th	284·6	281·0	14th	292·1	291·0	+ 0·1	94	--
618	Galveston	29 18	94 50	16·5	1013·5	1015·6	+ 1·3	299·3	301·9	23rd	295·1	290·8	19th	297·2	296·9	+ 0·3	68	--
618a	New Orleans	29 57	90 4	16·2	1015·0	1016·6	+ 1·7	301·7	304·1	18th	293·7	288·6	31st	297·7	297·3	+ 0·6	109	--
619	Merida, Yucatan	20 58	89 38	22	1009·9	1012·4	- 0·3	306·4	311·4	18th	296·8	294·6	4th	301·6	300·3	0·0	74	--
620	Havana	23 7	82 25	77·0	1005·8	1014·6	+ 0·1	303·4	307·2	17th,18th	295·2	293·2	3rd	299·3	298·8	..	136	--
620a	Key West	24 33	81 48	6·7	1015·3	1015·9	+ 1·2	302·2	303·6	21st	296·9	293·6	1st	299·6	299·5	+ 0·5	82	--
621	Nassau, Bahamas	25 5	77 20	9·6	..	1017·6	+ 1·6	302·2	305·2	16th,17th	295·6	294·1	4,14,28	298·9	298·8	+ 0·3	76	--
622	San Salvador(Watling Island)	24 6	74 26	33·5	1014·0	1017·9	+ 1·5	..	303·0	17th	..	296·3	5th,14th	..	298·8	- 0·6	..	--
633	Port Etienne	20 56	17 3	4	1012·8	1013·3	..	298·7	305·3	11th	287·9	286·5	2nd	293·3	292·0	..	0	--
634m	◊Izaña	28 19	16 30	2367	770·5	..	+ 2·4	288·6	295·3	19th	280·6	276·8	1st	284·6	284·4	+ 2·6	0	--
634	La Laguna	28 28	16 20	547	954·2	1018·0	+ 0·8	293·8	303·3	17th	281·7	278·7	13th	287·8	287·0	- 1·3	15	--
636	Adrar	27 52	W. 0 17	? 285	981·1	..	..	..	..	..	..	..	..	..	..	..	0	--
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	864·8	1005·8	..	306·1	309·1	8th	289·5	287·6	26th	297·8	298·8	..	48	--
639	Sebha	27 1	14 27	424	..	..	..	..	..	..	..	..	..	..	..	..	..	--
640	Hon	29 8	15 56	263	..	..	..	..	..	..	287·7	275·1	11th	..	..	..	0	--
641	Giarabub	29 45	24 31	49	..	..	..	308·8	318·6	2nd	288·6	283·6	23rd	298·7	..	..	0	--
642	Siwa	29 12	25 29	-23	1015·6	1013·0	0·0	307·0	314·5	27th,28th	289·4	285·0	20th	298·2	297·8	+ 0·2	0	--
643	Cairo (Helwan)	29 52	31 20	116	999·9	1013·1	+ 1·0	305·9	314·0	3rd	289·8	286·3	12th	297·8	297·9	+ 0·3	1	--
643a	Aswen	24 2	32 53	100	998·8	1009·9	+ 0·4	313·2	318·0	19th	295·9	292·2	7th	304·6	304·0	+ 1·5	..	--
644	Tor	28 14	33 37	1·9	1010·4	1010·7	+ 0·9	305·1	313·1	3rd	293·6	288·6	9th	299·4	298·4	+ 0·7	0	--
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

◊Change of normals, see Table of Authorities, pages 105-

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

MAY - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	E.															
647	Bushire	28 59	50 49	4·3	1007·3	1007·9	..	304·1	311·8	28th	297·6	294·7	12th	300·9	300·3	- 0·1	0	- 1
648	Jask	25 45	57 45	4·0	1004·1	1004·6	..	306·5	310·3	30th	299·5	296·9	11th	303·0	302·4	+ 0·3	0	- 0
649	Karachi	24 48	66 59	4·0	1006·0	1006·5	+ 0·7	304·3	308·6	10th	298·9	296·3	1st	301·6	301·0	- 0·2	0	- 2
650	Jacobabad	28 17	68 29	56·7	996·7	1002·9	+ 0·3	317·8	321·3	12,29,30	299·6	293·6	5th	308·7	308·3	+ 0·6	0	- 4
651	Jalpur	..	..	..	957·8	1004·9	+ 1·0	313·4	316·9	13th	298·1	291·3	18th	305·7	305·3	- 0·8	48	+33
652	Nagpur	26 55	75 50	436	971·3	1004·7	+ 0·6	315·2	319·7	31st	300·9	295·2	9th	308·1	307·5	+ 0·1	6	-15
653	Allahabad	25 26	81 50	94·2	993·6	1004·0	+ 0·7	314·9	318·6	30th	300·3	295·2	17th	307·6	307·2	+ 0·7	3	- 6
653a	Darjeeling	27 3	88 16	2265	775·7	..	+ 0·6	291·7	294·2	21st	284·6	280·9	2nd	288·1	288·2	+ 0·7	129	-92
654	Calcutta	22 32	88 20	6·4	1004·5	1005·3	+ 0·3	308·5	311·9	20th	299·2	295·2	10th	303·8	303·4	+ 0·6	118	-28
655	Gauhati	26 11	91 45	59·7	1001·4	1008·2	+ 0·6	304·7	308·7	21st	295·6	290·9	1st	300·1	299·0	+ 0·3	163	-59
655a	Cherrapunji	25 15	91 44	1313	866·8	..	+ 0·1	295·8	298·3	15th	289·9	286·5	1st	292·8	292·2	+ 0·7	454	-721
656	Akyab	20 8	92 55	6·1	1006·6	1007·4	- 0·1	304·3	307·6	8th	298·3	295·4	13th	301·3	301·6	- 0·6	616	+262
656a	Mandalay	21 59	96 6	76·2	999·0	1007·5	+ 0·3	307·6	314·3	9th	298·3	294·4	11th	302·9	302·6	- 1·9	238	+89
657	Tengyueh	25 0	98 40	1634	832·2	1004·0	..	295·8	299·7	13th	286·8	280·8	3rd	291·3	290·8	+ 0·1	..	..
658	Phu Lien	20 48	106 38	116	..	1007·5	+ 0·4	304·3	307·5	18th	297·2	294·6	2nd,3rd	300·7	299·9	+ 0·5	222	+33
659	Moncay	21 31	107 58	9·0	..	1007·6	0·0	304·7	308·7	18th	296·9	294·0	2nd	300·8	299·9	+ 0·8	410	+133
660	Hongkong	22 18	114 10	33·2	..	1009·0	- 0·1	301·6	304·6	23rd	297·6	295·8	8th	299·6	299·2	+ 1·3	157	-150
661	Amoy	24 26	118 4	4·9	1010·6	1011·2	+ 0·5	300·8	305·2	22nd	295·4	292·4	3rd	298·1	297·6	+ 1·1	133	-25
661a	Taihoku, Formosa	25 2	121 31	9·3	1009·3	1010·3	+ 0·1	302·8	308·2	25th	295·3	292·0	11th	299·1	298·4	+ 1·4	159	-77
662	Basco	20 28	121 59	18·7	..	1008·3	- 0·2	303·3	305·1	23rd	298·1	296·7	15th	300·7	300·4	- 0·1	303	+81
665	Naha	26 12	127 39	29·5	1008·0	1011·4	+ 0·4	299·5	301·9	4th	294·4	291·5	7th	296·9	296·9	+ 0·8	377	+132
	Titizima (Bonin Islands)	27 5	142 11	4·1	1014·8	1015·3	+ 2·2	300·2	302·3	24th	295·2	291·5	8th	297·7	297·4	+ 1·7	171	-34
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

MAY - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
715	Colima	19 12	103 45	498	956·4	1011·7	+ 1·2	307·9	310·0	24th	293·0	288·8	4th	300·5	298·7	+ 0·2	27	+17
716	Morelia	19 42	101 7	1923	809·2	1006·4	- 0·1	299·7	303·4	12th	287·6	284·9	1st	293·7	293·5	+ 0·8	40	- 4
717	Mexico, Tacubaya	19 24	99 12	2309	776·1	..	+ 1·7	299·4	305·0	14th	283·7	282·3	2nd	291·5	290·3	0·0	102	+51
718	Salina Cruz	16 12	95 12	56	1003·4	1009·7	- 1·2	304·3	309·3	12th	298·0	294·5	24th	301·1	301·4	+ 0·1	41	-44
719	San Salvador	13 42	89 13	682	937·1	1012·4	+ 0·9	307·0	309·8	2nd,18th	292·5	290·8	21st,28th	299·7	297·3	0·0	193	+20
721	Belize	17 31	88 11	5·2	1012·8	1013·5	+ 1·3	302·9	304·7	27th	297·7	294·9	25th	300·3	299·9	- 0·3	282	+187
722	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·0	+ 1·0	304·2	305·8	17th	295·0	293·5	3rd	299·6	299·7	+ 0·4	136	-23
723	Port au Prince	18 33	72 20	37·4	1010·7	1015·0	+ 1·0	305·1	307·2	30th	294·3	291·9	11th	299·7	299·7	+ 0·3	212	-26
724	Caracas	10 30	66 56	1043	898·6	1012·8	..	300·7	304·2	30th	290·3	289·2	3,19,29	295·5	292·7	- 1·1	34	-37
724a	San Juan, Porto Rico	18 29	66 7	25·0	1013·3	1016·2	+ 0·8	302·5	305·2	28th	296·4	295·2	22nd	299·4	299·0	+ 0·5	76	-45
725	Grenada (Richmond Hill)	12 5	61 46	188	993·0	1014·3	+ 1·4	304·0	305·2	26th,27th	296·3	295·2	18th,21st	300·2	299·8	+ 0·7	44	-62
731	Barbados	13 8	59 36	57·9	..	1015·3	+ 1·1	303·9	304·8	22nd,27th	296·1	294·6	18th	300·0	299·9	+ 0·3	17	-46
732	São Vicente, C. Verde Is.	16 54	25 4	11	1014·2	1015·5	+ 0·9	296·9	298·5	9th	293·5	293·0	1,14,18	295·2	295·3	- 0·3	0	0
733	San Tiago, C. Verde Is.	14 54	23 31	34	1011·6	1015·5	+ 0·8	299·7	303·6	11th	294·1	292·8	3rd	296·9	296·7	- 0·5	0	0
734	Dakar	14 40	17 26	32	..	1013·1	..	299·8	303·9	12th	291·2	289·1	4th,5th	295·5	293·9	- 1·7	0	- 1
735	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	298·1	303·0	8th	290·9	288·6	4,7,23	294·5	294·3	- 3·4	0	..
736	Niénébalé	12 57	7 26	300	..	..	..	311·0	316·0	13th	298·7	294·8	29th	304·9	303·3	..	26	..
	Kabara	16 45	W. 3 1	273	..	..	..	317·2	322·0	5th	295·8	292·0	1st	306·5	306·4	..	3	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	311·2	315·2	2,6,12	299·1	294·1	25th	305·1	304·8	- 0·2	56	+ 6
738	Kaduna Capital	10 32	7 25	?637	..	..	..	304·7	306·9	1st,8th	294·4	291·3	5th	299·6	299·2	0·0	161	+16
739	Hadeija	12 40	10 5	?	..	..	..	313·7	318·0	2nd	297·4	293·6	7,9,11	305·5	305·2	+ 0·3	13	-20
740	Maiduguri	11 47	13 11	361	..	..	..	313·3	316·3	2,6,10	..	..	..	..	‡305·4	+ 0·3	36	- 2
741	◊El Fasher	13 32	25 18	730	926·4	1005·4	..	313·5	315·0	sev.dates	292·0	285·5	1st	302·8	301·5	- 0·6	18	+ 8
743	El Obeid	13 11	30 14	563	946·0	1007·6	+ 1·8	312·5	315·4	12th	295·4	288·7	1st	304·0	303·4	+ 0·3	41	+28
743a	Khartoum	15 37	32 33	390	964·4	1006·6	+ 0·9	315·7	318·7	13th	299·0	293·9	2nd	307·4	307·2	+ 0·6	3	0
744	Port Sudan	19 37	37 13	5·5	1009·8	1010·4	+ 1·8	309·4	312·4	12th	295·9	292·3	10th	302·6	302·4	+ 0·2	0	- 1
745	Berbera, Somaliland	10 26	45 2	13·8	1006·4	1008·0	- 0·2	308·8	313·6	12th	297·4	293·6	sev.dates	303·1	303·7	- 1·1	0	- 7
746	Aden	12 49	45 2	29·9	‡1005·9	1009·2	+ 0·6	307·5	309·4	13th	301·2	298·5	2nd	304·3	303·6	+ 0·7	0	- 3
751	Bombay	18 54	72 49	11·3	1008·3	1009·6	+ 0·3	306·4	306·9	sev.dates	300·3	299·1	1st,3rd	303·4	302·9	+ 0·5	1	-21
752	Kodaikanal	10 14	77 28	2343	771·1	..	+ 0·1	293·4	295·9	31st	285·2	282·8	8th	289·3	288·8	- 0·1	213	+60
752a	Bangalore	12 58	77 36	921	909·0	1008·2	+ 0·2	304·9	309·3	5th	295·8	291·8	8th	299·4	298·4	+ 0·1	177	+66
753	Madras	13 4	80 15	6·7	1006·0	1006·8	- 0·1	308·9	314·7	31st	299·1	295·8	9th	304·0	303·5	- 1·0	207	+180
754	Visagapatam	17 42	83 18	38·4	1001·3	1005·6	- 0·3	305·3	308·2	21st	300·0	298·2	13th	302·7	302·1	- 1·4	216	+166
755	Port Blair	11 40	92 43	18·0	1007·1	1009·1	+ 0·4	304·7	307·3	5th	299·4	297·2	30th	302·1	301·5	+ 0·5	231	-171
756	Rangoon	16 46	96 11	5·5	1008·0	1008·6	+ 0·1	306·1	313·7	10th	297·8	295·2	20th	301·9	300·6	- 0·2	518	+214
757	Cap St. Jacques	10 20	107 45	180	..	1010·0	..	303·7	306·5	10th	297·0	294·2	29th	300·4	299·9	- 0·9	381	+177
758	Nhatrang	12 15	109 12	3·6	..	1007·8	..	305·1	306·5	19th	297·3	295·8	25th	301·2	300·7	- 0·2	74	+24
759	Bolinao	16 23	119 53	2	..	1007·6	+ 0·3	305·3	310·0	6th	..	..	..	..	301·2	- 0·5	512	+343
761	Vigan	17 34	120 23	12·2	..	1007·6	- 0·5	304·9	307·5	3rd	298·2	295·5	27th	301·5	301·0	- 0·8	575	+402
761a	Manila	14 35	120 59	14·2	..	1008·9	+ 0·5	305·6	310·0	9th,10th	296·9	295·4	25th	301·3	300·6	- 0·8	364	+248
762	Ormoc	11 0	124 36	5·6	..	1008·8	+ 0·9	305·0	307·1	7th	296·3	294·9	1st,22nd	300·7	300·5	+ 0·5	152	+64
765	◊Guam, Ladrone Is.	13 24	144 38	18·6	..	1010·0	+ 0·8	304·0	306·0	15th,16th	298·0	296·6	9th,27th	301·0	301·0	- 0·2	87	-16
766	Saipan	15 14	145 46	207	989·0	1009·2	..	301·1	302·2	14th	296·4	295·3	25th	298·7	298·5	..	73	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

◊Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	¢Fanning Island	3 54	159 23	5·3	..	..	..	304·3	306·9	23rd	298·2	294·7	26th	301·3	300·9	+ 0·5	407	+85
821	Cristobal	9 23	79 54	11·0	..	1010·4	- 0·3	303·4	305·2	18th	298·2	296·3	23rd	300·8	300·4	+ 0·7	361	+74
822	Bogota	4 36	74 5	2645	747·4	..	+ 1·0	291·7	295·6	8th	283·9	283·0	5th	287·8	287·2	- 0·1	23	-56
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	1009·2	1013·5	+ 2·5	304·2	306·4	12,15,22	296·5	294·8	22nd	300·4	299·9	- 1·2	213	+114
824	El Peru, Guayanaveija	7 19	61 49	220	986·0	1010·9	+ 0·2	303·8	306·3	25th	295·4	294·7	21st	299·6	299·0	+ 0·4	172	+39
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1013·4	+ 0·6	301·9	303·0	13,16,31	297·4	295·8	26th	299·7	299·4	- 0·1	329	+58
826	Paramaribo	5 49	55 9	3·7	1013·1	1013·5	+ 0·5	303·1	304·5	8th,9th	296·0	294·6	18th	299·5	299·0	0·0	258	+111
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	668	
831	10°-5°N. 30°-25°W.	††7 5	††27 6	§ (82-113)	..	1014·2	+ 1·8	..	..	Sea Temp. 298·8	-0·4	..	..	..	298·5	- 0·5	..	..
833	¢Komakri	9 31	13 43	16	..	..	..	303·4	305·9	11th	297·3	295·0	4th	300·3	299·6	- 0·5	180	+26
834	Freetown, Sierra Leone	8 29	13 14	55·0	1006·3	1012·6	+ 3·2	302·5	305·2	9th	296·2	294·1	9th,29th	299·3	298·7	- 1·2	251	+21
835	Assuantsi	5 18	1 15	97·3	1001·0	1012·1	..	303·8	305·8	8th,15th	294·3	292·4	24th	299·1	298·5	- 0·1	191	-21
836	Accra	5 33	W. 0 12	17·7	1009·9	1011·9	+ 1·3	..	..	..	299·2	294·7	10th	..	+302·6	+ 1·1	105	
837	Lagos	6 27	E. 3 24	3·0	1009·7	1010·0	- 0·6	304·0	305·2	5th,13th	297·4	295·2	9th	300·7	300·2	0·0	219	-54
838	Victoria, Nigeria	4 1	9 12	15·5	1009·3	1011·0	..	304·2	305·8	7th	295·5	293·0	2nd	299·9	299·3	..	296	-52
839	Yola	9 12	12 30	259	..	..	..	309·7	313·0	7th	297·8	293·0	14th	303·7	303·2	+ 1·0	67	-56
841	¢Nau	7 42	28 3	440	960·7	1008·7	+ 0·8	308·6	312·0	20th	295·0	292·5	27th	301·8	300·6	+ 0·4	92	-49
843	Malakal (Kodok)	9 35	31 37	394	965·9	1009·4	+ 0·7	309·1	312·7	2nd	296·0	293·6	11th	302·6	301·4	+ 0·5	62	-39
843a	Mongalla	5 11	31 47	448	960·4	1010·7	+ 1·0	308·0	310·8	21st	295·7	292·9	28th	301·8	300·2	+ 1·0	93	-45
844	Entebbe	0 5	32 29	1171	886·1	1012·7	+ 1·8	297·9	299·7	26th	291·2	289·7	1st	294·6	294·0	+ 0·2	279	+111
845	Sheikh	9 55	45 15	1463	..	..	..	300·9	303·6	22nd	289·3	285·2	16th	295·1	294·4	..	191	+31
851	Minicoy	8 18	73 0	2·7	1010·7	1010·9	+ 0·9	305·2	307·2	4th	300·2	296·8	9th	302·7	302·1	..	67	-58
851a	Cochin	9 58	76 14	2·7	1009·9	1010·2	+ 0·4	303·2	305·1	4th	298·3	295·9	26th	300·7	300·1	- 1·0	423	+220
852	Colombo Observatory	6 54	79 52	7·3	..	1009·3	+ 1·1	303·1	304·2	4th,12th	298·1	295·8	7th	300·6	300·0	- 0·2	666	+288
854	Trincomalee	8 35	81 15	30·2	813·4	1011·1	+ 1·0	293·7	297·2	27th	284·4	279·1	20th	289·1	288·3	- 0·5	465	+270
855	Kuta Raja	5 32	95 20	7·1	..	1009·4	+ 0·1	..	..	..	..	..	..	..	..	..	68	-81
856	Medan	3 35	98 41	25	..	1009·6	+ 0·6	305·5	307·5	30th	296·2	293·9	30th	300·9	300·1	+ 0·5	189	-54
857	Penang	5 34	100 20	5·0	..	..	..	306·3	307·4	sev.dates	297·9	296·3	10th	302·1	301·6	+ 1·2	222	-18
857a	Butterworth	5 25	100 22	2·1	..	1008·3	..	305·1	306·3	13,16,17	297·1	295·8	25th	301·1	300·7	..	144	-96
858	Singapore (Mt. Faber)	1 16	103 49	90·5	999·3	1009·6	+ 0·7	303·7	305·2	sev.dates	297·4	294·7	17th	300·6	300·4	..	157	-85
859	Sandakan	5 50	118 7	31·7	..	..	..	304·6	306·3	30th	297·0	295·8	sev.dates	300·8	300·6	- 0·3	217	+79
860	Iwahig	9 44	118 38	14·3	..	1008·6	+ 1·1	304·4	306·3	12th,20th	296·6	295·2	26th	300·5	300·0	0·0	239	+71
861	Tagbilaran	9 38	123 51	21·3	..	1009·1	+ 0·8	305·1	306·0	22nd,30th	297·3	296·1	2nd,30th	301·2	300·6	0·0	140	+53
861a	Menado	1 30	124 50	8·5	..	1009·2	+ 0·5	303·4	304·4	31st	296·3	294·5	21st	299·9	299·6	+ 0·3	..	..
862	Surigao	9 48	125 29	6·0	..	1009·6	+ 1·1	303·9	306·0	18th	297·3	296·4	1st	300·6	300·2	+ 0·1	223	+79
863	¢Kolonie, Yap	9 29	138 8	29·3	..	1010·2	+ 1·2	303·6	305·4	22nd,29th	298·1	296·2	19th	300·9	300·0	- 0·3	212	+47
864	Palau	7 20	134 29	31·8	1006·9	1010·5	..	302·7	304·7	11th	297·5	295·9	21st	300·1	300·1	..	344	..
867	Ponape	6 58 N.	158 13 E.	38·9	1005·5	1009·9	..	302·4	304·4	29th	296·7	293·8	27th	299·5	299·4	..	464	..

MAY - ZONE 9. BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	8 32 S.	172 31 W.	1·8	1010·6	1010·8	..	303·2	304·5	27th	300·9	299·6	29th	302·1	301·8	..	137	..
920	Lambayeque	6 46	80 55	15	1010·4	1012·1	..	303·1	305·8	1st,3rd	291·4	288·8	24th,31st	297·3	295·4	..	0	..
921	Quito	0 14	78 30	2816	728·6	..	+ 0·4	295·1	297·1	26th	281·7	278·8	18th	288·4	286·8	+ 0·9	38	-99
923	Senna Madureira	9 4	68 40	135	..	..	..	304·7	309·0	16th	292·0	285·8	18th	298·4	297·3	..	212	..
923a	São Gabriel do Rio Negro	0 8	67 5	85·0	1002·0	1011·8	..	303·6	309·0	9th	294·5	293·0	21st,31st	299·0	298·0	..	285	-23
924	Manaos	3 8	60 1	43·8	..	..	..	304·1	306·1	14th,16th	295·6	293·8	24th	299·8	299·5	+ 0·5	156	-79
926	Taperinha	2 30	54 20	21·5	1010·6	1013·1	+ 1·2	303·6	305·4	26th	295·6	293·9	22nd	299·6	298·4	+ 0·4	208	-100
927	Turyassu	1 43	45 26	9·1	1011·4	1012·4	+ 1·2	305·0	306·5	12th	294·7	293·5	4th,30th	299·8	299·5	+ 1·1	215	-98
928	Barra do Corda	5 30	45 16	81·0	1003·8	1013·2	..	304·2	306·0	14th	293·6	288·9	28th	298·9	298·0	+ 0·3	12	-190
929	Quixeramobim	5 16	39 15	207	988·8	1012·2	- 0·2	304·3	305·4	30th	296·6	294·8	5th	300·4	300·2	+ 0·8	9	-196
930	Fernando Noronha	3 50	32 25	106	1001·5	1013·5	+ 0·4	301·7	302·5	18th	297·5	295·6	24,25,26	299·6	299·0	+ 0·8	84	-139
934	Ascension Island	7 56	W. 14 25	16·8	1014·5	1016·3	+ 2·1	..	..	..	..	..	..	..	299·0	- 0·1	2	-23
939	Loanda	8 49	E. 13 13	59·3	..	1012·6	+ 0·7	301·1	307·0	11th	295·9	294·0	30th,31st	298·5	298·0	+ 0·7	0	-13
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	292·9	294·7	..	284·0	282·5	..	288·5	288·7	..	207	..
943	Masaka	0 20	31 44	1280	..	..	..	300·7	301·9	sev.dates	289·7	288·0	1st	295·2	294·5	..	303	+140
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	823·3	1016·9	..	293·6	295·7	4th	286·4	285·5	19th	290·0	289·1	..	406	..
944a	Zanzibar	6 10	39 12	17·1	1014·9	1016·9	+ 1·4	302·2	305·1	7th	297·5	295·6	11th	299·8	299·3	+ 0·5	10	-143
945	Lamu	2 16	40 50	3·0	..	..	..	301·2	303·0	1,4,9	295·9	293·0	20th	298·6	298·2	- 1·5	283	-84
947	Seychelles, Port Office	4 37	55 27	4·6	1011·1	1011·6	- 0·2	303·1	304·4	29th	296·6	294·6	10th	299·9	299·1	- 0·3	89	
957	Padang	0 56	100 22	6·7	..	1010·4	+ 0·3	304·0	305·3	17th	297·0	295·5	19th	300·5	300·1	+ 0·3	346	+52
958	Batavia	6 11	106 50	8·0	1009·5	1010·4	+ 1·0	303·6	305·2	31st	297·0	296·0	20th,22nd	300·3	299·6	+ 0·1	211	+121
958a	Pontianak	0 1	109 20	2·6	..	1010·1	+ 0·6	305·5	307·5	19th	297·6	296·6	27th	301·5	300·7	+ 0·6	303	+208
959	Pasuruan	7 38	112 55	5·0	..	1010·5	+ 0·6	303·9	305·5	13th	296·7	294·6	24th	300·3	300·1	+ 0·6	162	-103
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	46	
962	Amboina	3 42	128 10	4·2	..	1010·4	+ 1·0	302·3	304·1	4th	297·1	295·1	25th	299·7	299·3	+ 0·3	352	-104
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	278	+79
965	Daru	9 4	143 13	7·6	..	1011·5	+ 0·8	302·1	..	..	297·9	..	..	..	..	..	..	..
966	Port Moresby	9 29	147 9	38·4	..	1009·5	- 0·8	302·3	..	..	299·6	..	..	300·0	299·6	+ 0·5	237	- 9
967	Rabaul	4 9	152 12	12·5	1008·2	1009·7	+ 0·9	305·4	307·6	7th	296·0	294·2	24th	300·7	300·1	0·0	286	+142
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?303·7	?305·3	4th	?298·2	?296·6	2nd	?300·9	?300·6	+ 0·3	212	+33
970	Ocean Island	0 52	169 35	42·6	1005·9	1010·7	+ 0·4	304·9	305·8	sev.dates	298·9	298·0	12,14,27	301·9	301·2	+ 0·8	5	-131
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1010·7	- 0·2	302·9	304·1	6th	296·9	295·0	21st	299·9	299·9	+ 0·6	87	-67
1003	¢Alofi, Niue Island	19 2	169 55	19·8	..	1013·3	- 1·0	300·5	303·6	13th	288·8	286·3	19th	294·7	294·4	- 2·8	110	-12
1021	Lima	12 5	77 3	111	998·1	1011·1	..	296·1	299·6	2nd	289·2	287·2	20th	292·7	291·5	..	4	..
1022	Arica	18 28	70 20	5	1012·7	1013·3	..	293·9	297·5	2nd	287·1	285·8	23rd	290·5	290·7	- 0·5	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	660·2	..	+ 1·5	288·6	292·4	6th	276·3	273·4	30th	282·5	281·1	- 0·6	40	+28
1025	Corumba	18 59	57 39	116	1000·6	1013·8	+ 1·2	301·9	306·2	3rd	292·6	285·4	20th	297·2	297·1	+ 0·4	19	-54
1026	Cuyaba	15 36	56 6	165	994·6	1013·4	+ 1·3	305·3	308·5	8th,11th	292·4	286·6	20th	298·8	297·6	+ 0·5	36	-13
1027	Bello Horizonte	19 56	43 56	895	917·4	1016·4	+ 0·8	298·4	302·0	5th	288·1	284·8	27th	293·3	292·3	+ 0·6	26	+12
1028	Caetite	14 3	42 37	897	918·2	1017·1	+ 1·7	299·4	304·7	13th	288·9	285·9	7th	294·2	294·1	- 0·2	12	- 2
1029	Ondina (Bahia)	13 0	38 31	46·6	1010·2	1015·6	+ 1·2	300·3	303·3	18th	295·8	294·8	10th,27th	298·0	298·0	+ 0·1	274	-10
1030	Aracaju	10 55	37 3	6·1	1014·6	1015·4	+ 0·6	301·3	303·1	18th	295·4	294·0	13th	298·4	298·2	..	393	..
1035	¢St. Helena	15 57	W. 5 40	579	948·2	1014·9	+ 0·4	..	..	..	288·0	286·9	10,28,31	..	290·2	+ 0·8	56	-12
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	911·9	1020·5	..	299·1	302·4	30th	282·3	277·4	28th	290·7	..	- 1·7	0	- 5
1041a	¢Elisabethville	11 39	27 28	1230	879·8	1014·2	+ 1·8	298·6	300·9	16th	281·8	277·5	28th	290·2	..	- 1·5	0	- 5
1042	Gwelo	19 26	29 45	1411	..	..	..	292·8	298·0	7th	279·8	275·8	28th	286·3	..	- 2·5	2	- 6
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	858·2	1020·8	+ 1·8	294·1	298·2	16th	281·7	277·9	20th	287·9	287·4	- 1·0	0	-12
1044	Zomba	15 23	35 18	955	911·1	1016·9	+ 1·8	295·3	299·1	7th	286·2	283·6	23rd,27th	290·8	290·1	- 1·0	4	-22
1045	Mossuril	14 57	40 40	15	..	1017·4	..	300·8	302·2	1,4,25	292·4	290·1	21st	296·6	296·2	..	98	..
1046	Antenanarivo	18 55	47 33	1375	867·9	1018·4	+ 1·4	295·0	300·0	7th	282·4	280·2	23rd	288·7	288·1	- 1·2	65	+51
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1010·5	1011·2	- 0·6	303·1	304·4	6th,18th	299·0	298·0	3rd,23rd	301·1	300·7	+ 0·9	183	-19
1057	Christmas Island	10 25	105 43	5·5	1008·8	1009·4	+ 1·1	303·7	304·7	sev.dates	297·8	296·3	28th	300·8	300·3	+ 0·3	140	-86
1061	Kupang	10 10	123 34	45	1006·2	1011·3	+ 0·7	306·3	308·3	5th	296·4	292·3	31st	301·3	300·6	+ 1·4	0	-28
1061a	Derby	17 18	123 40	16·2	1013·1	1014·9	+ 1·2	306·1	309·3	8th	292·1	287·2	18th	299·1	..	+ 0·7	0	-16
1062	Hall's Creek	18 13	127 46	373	976·5	1016·5	+ 1·5	302·6	307·2	10th	285·7	279·4	17th	294·1	293·5	- 0·5	0	- 9
1063	Darwin	12 28	130 51	29·6	1008·5	1011·9	+ 1·0	306·1	308·0	12th	295·7	293·2	29th	300·9	299·7	+ 0·3	0	-17
1064	Daly Waters	16 16	133 23	211	990·3	1014·2	+ 1·1	304·2	308·0	7th,8th	287·9	284·1	21st	296·1	295·5	- 0·5	0	- 4
1065	Palmerville	15 56	144 8	210	989·1	1012·8	+ 0·8	303·8	307·4	9th	291·3	287·7	26th	297·6	..	+ 0·5	25	+11
1066	Georgetown, Queensland	18 22	143 32	302	981·1	1015·2	+ 1·0	303·0	306·3	7th,12th	290·1	285·8	3,4,6	296·6	..	+ 1·1	8	- 2
1066a	Willis Island	16 18	149 59	8·5	1012·2	1013·3	+ 0·5	300·2	301·9	4th	296·2	294·4	22nd,26th	298·2	298·3	- 0·2	313	+248
1067	Samarai	10 37	150 40	6·1	..	1012·0	+ 1·2	302·9	..	..	296·7	..	..	299·8	299·5	+ 0·6	274	-50
1072	Suva, Fiji	18 8	178 26	6·1	1012·2	1012·8	+ 0·2	300·3	304·1	2nd	295·3	293·0	29th	297·8	297·5	+ 0·1	284	+28

BETWEEN LATITUDE 20° S. AND 30° S. MAY - ZONE 11 (AMERICA, AFRICA).

1105	Rarotonga (Avarua)	21 12 S.	159 46 W.	6·1	..	..	..	299·9	301·9	28th	292·3	288·6	27th	296·1	295·8	- 0·1	155	+18
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1011·1	1013·9	- 2·7	291·0	294·9	12th	285·3	283·0	25th	288·1	287·8	+ 1·2	1	-29
1122	¢Antofegasta	23 42	70 24	94	1003·4	1014·6	- 2·1	293·7	297·0	10th	286·2	284·0	20th	289·9	289·4	+ 0·6	0	- 2
1123	Catamarca	28 29	65 47	528	956·1	1017·3	+ 3·9	294·6	301·0	10th	283·3	273·9	27th,28th	289·0	288·3	- 0·6	16	+ 3
1124	Salta	24 46	65 24	1182	883·8	1014·8	+ 1·5	293·4	300·3	7th	282·7	275·2	19th	288·0	287·4	0·0	1	- 8
1125	Goya	29 9	59 15	37	1013·3	1017·7	+ 1·9	296·1	303·2	8th	287·1	280·2	19th	291·6	291·0	+ 1·7	177	+108
1126	¢Asuncion	25 17	57 41	93	1007·2	1018·1	+ 2·7	298·5	304·7	2nd	290·6	282·4	19th	294·6	293·6	+ 1·7	71	-52
1127	Curityba	25 25	49 17	908	917·1	1019·5	+ 1·6	294·1	299·1	3rd	284·1	278·1	18th	289·1	288·2	+ 1·4	44	-60
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1016·0	1018·1	+ 1·3	298·3	303·9	9th	291·9	289·0	18,19,25	295·1	295·0	+ 0·2	39	-42
1139	Windhoek	22 34	E. 17 6	1727	834·7	1020·6	..	293·7	297·1	8th	281·5	273·3	31st	287·6	287·1	- 1·2	0	- 8
1140	O'Okiep	29 36	17 52	933	915·7	1020·5	+ 2·5	295·9	305·2	14th	284·7	275·9	29th	290·3	289·6	+ 2·6	34	+10
1141	¢Kimberley	28 44	24 46	1218	887·3	1023·4	+ 3·1	295·4	299·1	1st,6th	279·7	275·4	31st	287·6	287·1	+ 1·2	1	-18
1141a	Johannesburg	26 11	28 4	1806	828·6	1023·6	+ 2·6	292·1	295·3	2nd	279·6	272·4	18th	285·8	285·4	+ 0·4	20	+ 1
1142	Bulawayo	20 9	28 35	1349	873·6	1023·4	+ 1·9	293·6	297·8	7th	280·3	276·4	28th	286·9	286·1	- 2·3	4	- 5
1143	Durban	29 52	31 3	15·2	1022·0	1023·8	+ 3·2	296·8	300·2	10th	287·7	283·7	19th	292·2	291·6	- 0·3	42	- 6
1144	Lourenço Marques	25 58	32 36	59·5	..	1023·1	+ 4·1	298·4	304·3	7th	287·8	285·3	16th	293·1	292·5	- 0·8	4	-36
1147	Mauritius	20 6	57 33	55·2	1011·2	1017·6	+ 1·2	299·3	301·4	1st	292·7	289·2	30th	296·0	295·6	+ 0·3	64	-13
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

MAY - ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	∮Onslow	21 43	114 57	4·3	1014·0	1014·5	+ 0·3	301·1	304·9	10th	288·6	283·0	19th	294·9	..	- 0·3	1	..
1160	∮Cue	27 27	117 52	454	966·4	1018·3	+ 1·0	297·1	301·7	2nd	285·1	280·1	11th	291·1	..	+ 1·0	16	..
1161	Nullagine	21 53	120 5	386	..	..	..	300·9	304·7	9th	283·5	276·3	19th	292·2	..	- 0·8	5	..
1162	Laverton	28 40	122 23	466	966·7	1020·1	+ 1·2	296·6	300·4	27th	283·4	276·9	31st	290·0	289·9	+ 1·3	34	..
1163	Alice Springs	23 38	133 37	587	952·7	1019·7	+ 1·6	295·2	302·4	10th	280·9	274·7	16th	288·1	288·0	- 0·2	1	..
1164	William Creek	28 55	136 21	76·2	1013·8	1022·8	+ 2·6	294·7	300·2	6th,10th	282·2	276·5	18th	288·4	288·1	+ 0·2	15	..
1164a	Boulia	22 55	139 38	146	1000·0	1016·9	+ 1·2	299·7	304·8	6th	283·9	276·8	15th	291·8	291·7	- 0·5	4	..
1165	Thargomindah	27 58	143 43	123	1005·7	1020·3	+ 2·2	295·3	300·4	12th	284·1	278·0	16th	289·7	289·5	+ 0·2	13	..
1166	Mitchell	26 32	147 52	336	982·1	1021·5	+ 3·6	294·3	300·2	11th	280·8	273·8	18th	287·6	..	0·0	44	..
1167	Rockhampton	23 24	150 30	11·3	1017·4	1018·7	+ 1·3	298·1	302·3	11th	288·7	283·1	15th	293·4	292·8	+ 0·1	121	+44
1168	Brisbane	27 28	153 2	41·8	1017·4	1022·0	+ 3·4	295·2	300·2	12th	286·7	283·0	15th	290·9	290·3	- 0·2	203	+42
1170	Norfolk Island	29 4	167 59	14·9	1021·1	1023·0	+ 5·4	293·0	295·8	15th	288·9	285·2	28th	291·0	290·6	- 0·6	49	- 7

MAY - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37	78 52	6	1016·2	1016·9	- 1·5	291·5	293·8	25th,26th	286·0	283·0	9th,10th	288·7	288·4	+ 0·2	134	+72
1221a	Punta Tumbes	36 37	73 6	120	1001·0	1015·5	- 0·3	288·9	292·6	29th	282·8	280·4	5th,8th	285·9	285·6	+ 0·9	44	..
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1010·8	1015·7	- 0·6	291·9	299·0	26th	283·1	280·4	24th	287·5	287·3	+ 1·0	26	..
1222a	Santiago	33 27	70 42	520	956·6	1017·7	+ 0·8	291·0	297·0	27th	279·9	276·5	13th	285·5	284·4	+ 0·8	15	..
1223	Cordoba	31 25	64 12	423	967·8	1017·4	+ 2·0	290·9	297·5	26th,29th	282·8	275·4	19th	286·9	286·5	+ 0·3	43	..
1224	Bahia Blanca	38 45	62 16	28·7	1015·7	1019·2	+ 4·7	289·6	295·6	3rd	281·9	276·8	28th	285·8	285·5	+ 1·0	52	..
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1016·3	1019·3	+ 2·5	291·3	296·9	26th	284·1	275·4	28th	287·7	287·6	+ 1·8	180	+72
1226	∮Montevideo (Prado)	34 52	56 12	24·9	1016·3	1019·7	+ 3·1	291·1	295·8	25th	283·8	275·9	19th	287·5	287·4	+ 0·8	147	+81
1226a	Porto Alegra	30 2	W. 51 13	23·5	1016·0	1018·8	+ 1·3	295·1	301·2	8th	287·5	282·0	20th	291·3	290·8	+ 0·9	119	..
1239	Cape Town	33 56	E. 18 29	12·2	1020·0	1021·5	+ 3·6	296·4	304·6	18th	284·3	277·9	9th	290·4	288·9	+ 2·5	7	..
1240	Danger Point	34 37	19 18	27·7	..	..	..	291·9	302·4	18th	284·7	280·2	8th	288·3	..	+ 0·5	87	..
1241	Riversdale	34 6	21 16	61·0	..	..	..	296·9	308·6	24th	281·4	275·8	8th	289·2	..	+ 1·4	53	..
1242	East London	33 1	27 54	45·4	1016·9	1022·3	+ 4·2	295·4	305·4	12th	285·7	281·8	26th	290·5	..	+ 0·7	31	..
1259	Perth (Observatory)	31 57	115 51	60·0	1011·8	1018·9	+ 0·5	294·6	299·1	3rd	285·6	281·1	30th	290·1	290·1	+ 1·2	63	..
1260	∮Katanning	33 42	117 35	310	982·7	1019·2	+ 1·3	292·8	299·1	4th	282·8	278·7	31st	287·8	..	+ 1·9	62	..
1261	∮Coolgardie	30 57	121 10	423	971·3	1020·1	+ 1·2	295·8	301·2	27th	282·5	276·1	31st	289·2	289·1	+ 1·9	35	..
1262	Eucla	31 45	128 58	4·6	1019·9	1020·5	+ 1·5	293·8	300·2	25th	284·0	279·7	16th	288·9	288·5	0·0	42	..
1263	Streaky Bay	32 48	134 13	13·1	1021·6	1023·0	+ 2·6	293·9	297·4	24th	283·7	277·7	14th	288·8	288·3	+ 0·7	31	..
1264	Adelaide	34 56	138 35	42·7	1019·0	1024·1	+ 4·1	293·9	299·6	6th	283·7	278·9	15th	288·8	288·6	+ 1·5	29	..
1265	Melbourne	37 49	144 58	35·1	1020·2	1024·6	+ 5·4	290·4	297·2	7th	281·4	274·7	24th	285·9	285·6	+ 0·8	83	..
1266	Bourke	30 13	145 58	110	1011·2	1024·5	+ 3·8	293·7	299·1	11th	283·1	275·8	15th	288·4	..	- 0·1	44	..
1267	Sydney	33 51	151 13	42·1	1018·6	1023·6	+ 5·1	292·0	296·2	28th	283·9	280·7	27th	287·9	287·3	0·0	128	..
1268	Lord Howe Island	31 20	159 0	4·9	1022·9	1023·4	+ 6·0	293·9	296·8	12th	288·0	283·6	27th	291·0	..	- 0·2	93	..
1271	Auckland	36 51	174 48	13·4	..	1021·3	+ 5·5	289·4	291·9	15th	282·2	279·2	9th	285·8	..	- 0·9	70	..
1272	Napier	39 29	176 55	1·5	..	..	..	288·9	294·0	15th	278·6	272·4	23rd	283·7	..	- 1·6	20	..

MAY - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 52	W. 176 42	45·7	..	1013·5	+ 4·4	..	..	..	..	..	..	..	..	..	54	..
1321	Isla Guafo	43 34	74 45	140	997·0	1013·9	0·0	284·6	288·5	2nd	281·1	278·2	27th	282·9	282·8	+ 0·9	200	+93
1322	∮Punta Galera	40 1	73 44	40	1010·4	1015·2	0·0	287·6	290·5	11th	282·4	279·4	27th	285·0	285·2	+ 1·3	177	..
1323	Sarmiento	45 33	69 1	272	982·3	1015·4	+ 4·8	285·1	289·3	18th	273·0	265·4	25th	279·0	279·5	- 0·2	13	..
1324	Puerto Madryn	42 46	W. 65 2	14	1016·1	1017·8	+ 5·7	289·1	294·5	3rd	275·9	270·0	27th,31st	282·5	284·0	+ 0·6	14	..
1365	Launceston	41 27	E.147 10	81·1	1014·1	1024·0	+ 8·0	288·3	293·0	7th	279·1	272·6	2nd	283·7	283·1	+ 1·0	77	..
1366	Hobart	42 53	147 20	53·9	1015·0	1021·6	+ 6·3	288·2	294·7	9th	280·5	275·8	1st	284·3	283·7	+ 1·0	37	..
1369	Invercargill	46 25	168 21	3·7	..	..	..	285·3	292·4	10th	277·2	271·9	1st	281·3	..	+ 0·5	127	..
1370	Alexandra	45 15	169 24	159	..	..	..	284·9	293·1	14th	273·0	268·8	5th	278·9	278·6	..	21	..
1371	Dunedin	45 52	170 31	6·1	..	1016·3	+ 2·3	286·5	294·1	10th	277·7	274·7	6th	282·1	..	+ 0·7	45	..
1371a	Christchurch	43 32	172 39	7·6	..	1017·4	+ 3·7	286·8	296·3	14th	275·8	270·6	23rd	281·3	..	- 0·5	52	..
1372	Wellington	41 16	174 46	128	..	1018·6	+ 3·6	286·6	289·6	9th	280·2	274·9	25th	283·4	283·1	- 1·2	66	..

MAY - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

1421	∮Islota de los Evangelistas	52 24	W. 75 6	55	1001·1	1007·9	+ 6·0	281·1	284·0	20th	277·5	273·8	26th	279·3	279·3	+ 0·8	88	..
1422	Magellanes (Punta Arenas)	53 10	70 54	28	1003·2	1006·7	+ 4·6	280·1	284·0	1st	274·0	270·0	27th	277·1	276·9	+ 0·1	13	..
1423	Punta Dungeness	52 24	68 26	5	1006·4	1007·0	+ 6·4	280·6	284·0	4th	275·3	272·0	29th	277·9	278·0	- 0·2	7	..
1424	Santa Cruz	50 1	68 31	13	1009·3	1010·9	+ 5·9	281·2	289·0	4th	271·7	266·8	31st	276·4	276·4	- 1·7	3	..
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1008·5	+ 5·7	280·2	283·0	5th	274·4	270·2	30th	277·3	..	+ 0·2	54	..
1426	Cape Pembroke	51 41	57 42	21·3	1005·0	1007·6	+ 6·3	280·3	283·0	1st,5th	275·4	271·3	29th,30th	277·8	278·1	+ 0·4	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	997·0	997·5	+ 2·1	275·9	282·0	22nd	271·0	266·4	1st	273·5	273·6	+ 0·5	66	..

MAY - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	60 43	W. 44 47	7	990·1	991·0	- 1·7	271·0	278·7	1st	263·5	249·1	29th	267·2	266·9	+ 0·9	27	..
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics. ∮Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, JUNE 1930

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JUNE, 1930 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. JUNE - ZONE 1.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 58	178 33	6·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1014·2	- 1·5	279·2	284·7	21,23,26	273·2	268·6	7th	276·2	..	+ 1·6	9	+ 2
125	Upernivik	72 47	56 7	19·2	1004·4	1006·8	- 5·2	277·5	281·2	23rd	272·3	269·9	13th	274·9	274·8	+ 0·1	28	+15
131	Myggbukta	73 30	21 30	3·2	..	1013·6	..	..	287·0	29th	..	269·3	2nd,15th	..	..	..	5	..
132	Scoresbysund	70 29	21 58	16·9	1005·6	1007·7	..	278·3	283·5	16th	272·2	269·3	6th,19th	275·3	275·7	..	75	..
135	Jan Mayen	70 59	W. 8 18	23·1	1005·0	1007·8	- 5·5	..	283·0	26th	276·0	271·8	6th	..	278·3	+ 2·6	46	+31
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1007·7	1009·0	- 3·9	..	280·6	20th	274·2	266·7	1st	..	275·8	+ 0·9	13	+ 2
140	Sjömöen	74 28	19 17	29·2	1007·5	1011·2	- 0·9	..	280·3	5th	274·3	267·5	1st	..	276·3	+ 1·9	10	-11
141	Ingöy	71 4	24 6	4·3	1012·2	1012·7	+ 2·2	..	286·1	10th	277·8	271·6	1st	..	279·8	+ 0·6	36	- 2
142	Sletnes	71 5	28 14	10·2	1012·3	1013·5	+ 1·2	..	291·5	18th	277·1	271·9	1st	..	279·5	..	26	..
143	Vardö	70 22	31 5	11·8	1012·1	1013·5	+ 0·2	..	287·0	17th	277·2	272·2	2nd	..	279·6	+ 0·9	17	-23
147	Malye Karmakouly	72 23	52 43	15·3	1006·0	1007·9	- 3·6	..	..	..	..	..	..	..	273·6	- 0·4	36	+21
148	Walgatz	70 24	58 47	11·2	1005·8	1007·2	- 5·1	..	..	..	..	..	..	..	272·3	- 2·2	22	- 1
153	Dickson	73 31	80 23	13·0	1001·8	1003·4	- 8·4	..	..	..	..	..	..	..	272·0	- 0·7	25	+ 9
162	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. JUNE - ZONE 2.

201	Preobrajenye	64 52	W. 175 18	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	278·6	282·4	21st	273·1	269·7	5th,7th	275·9	..	..	27	..
203	∮Nome	64 30	165 24	6·7	1010·2	1010·8	- 1·6	283·1	289·7	20th	275·9	273·8	5,6,7	279·5	279·8	- 0·7	47	+15
204	Bethel	60 45	161 47	11·6	..	1011·8	..	288·6	294·7	8th,15th	277·6	272·4	11th	283·1	..	- 1·1	37	+ 4
205	∮Tanana	65 10	152 6	69·5	1001·3	1009·1	- 2·4	295·1	301·3	21st	279·6	273·6	15th	287·3	288·1	+ 0·5	37	+12
206	Rampart	65 30	150 15	114	..	..	..	294·4	300·8	21st	278·9	272·4	7th	286·7	..	- 0·7	55	+30
207	Valdez	61 7	146 16	122	..	..	..	285·5	291·9	22nd	276·6	274·7	3,9,12	281·1	..	..	36	..
208	∮Eagle	64 46	141 12	248	978·4	1008·4	- 2·0	294·6	301·9	26th	279·7	274·1	12th	287·1	288·0	+ 0·7	28	-10
209	Dawson	64 4	139 29	324	970·5	1008·6	..	293·8	299·7	21st,26th	279·2	270·2	8th	286·5	286·3	- 0·3	33	+ 2
210	Aklavik	68 14	134 50	7·6	1008·8	1009·7	..	290·6	302·4	27th	278·5	271·9	7th,17th	284·6	284·1	..	5	..
211	∮Fort Good Hope	66 15	128 38	65·2	1004·0	1011·8	..	293·6	304·1	27th	279·4	271·9	18th	286·5	..	+ 1·3	46	+27
212	Fort Simpson	61 52	121 35	129	994·6	1010·1	..	292·5	299·7	29th	280·2	271·3	2nd	286·3	286·3	+ 0·2	39	- 2
213	Hay River	60 51	115 57	161	988·1	1007·5	..	290·2	299·7	5,6,10	276·1	265·2	3rd	283·1	282·7	+ 0·1	60	+31
225	Jacobshavn	69 13	51 2	31·6	1000·4	1004·3	- 6·7	279·9	285·5	28th	274·8	272·0	14th	277·3	277·5	- 0·2	16	- 5
226	Godthaab	64 10	51 43	20	..	..	..	283·1	290·0	29th	274·9	272·6	4th	279·0	278·1	+ 0·7	51	+18
227	Ivigtut	61 12	48 10	30·0	1001·6	1005·3	- 4·3	284·6	289·1	13th	276·5	273·2	8th	280·5	280·9	- 0·2	83	+ 6
229	Angmagsalik	65 36	37 33	29·3	1001·1	1004·7	- 8·3	283·3	288·2	29th	275·3	271·1	6th	279·3	279·2	+ 1·3	36	-17
231	Stykkisholm	65 5	22 46	25	..	1002·6	- 8·6	285·8	290·4	28th	279·3	274·2	12th	282·5	282·1	+ 1·3	72	+33
232	Vestmanno	63 24	20 17	132	..	1003·5	- 8·5	283·4	287·3	28th	279·3	274·6	9th,12th	281·3	281·4	0·0	135	+52
233	Grimsey	66 33	18 1	22	..	1003·1	- 9·5	282·8	287·7	15th	..	..	..	..	280·1	+ 1·6	44	+26
234	Teigarhorn	64 41	14 22	18	..	1004·8	- 7·5	287·4	293·2	29th	279·7	275·8	10th	283·5	282·3	+ 2·0	194	+129
235	Hafnfjvig	62 3	6 45	22·9	1006·2	1009·0	- 5·0	286·0	293·1	16th	280·7	277·7	10th	283·3	283·0	+ 1·2	59	- 9
236	Lerwick	60 8	W. 1 11	18·0	..	1012·1	- 1·9	287·0	291·9	16th	282·8	279·7	13th	284·9	284·7	+ 2·2	76	+31
237	Bergen (Fredriksberg)	60 24	E. 5 19	44·4	1009·7	1015·0	+ 1·6	290·6	299·1	20th	283·7	278·5	9th	287·1	286·7	+ 1·8	184	+95
238	Aalesund	62 28	6 10	6·3	1013·6	1014·4	+ 0·6	..	299·6	19th	283·6	279·8	9th	..	286·2	+ 2·1	104	+51
239	Trondheim	63 26	10 25	59·2	1007·3	1014·4	+ 0·4	291·3	299·2	20th	282·7	276·0	9th	287·0	287·2	+ 2·2	25	-18
240	Bodö	67 17	14 26	17·0	1012·6	1014·6	+ 1·1	..	293·7	25th	280·9	273·0	1st	..	284·4	+ 1·6	93	+40
241	Haparanda	65 50	24 9	9·2	1013·1	1014·2	+ 3·1	291·4	300·0	30th	280·9	274·0	1st,2nd	286·1	286·5	+ 2·0	17	-20
242	Helsingfors	60 10	24 57	11·7	1014·2	1015·6	+ 3·2	292·5	302·3	20th	283·7	275·8	4th	288·1	288·0	+ 1·2	25	-21
242a	Kuopio	62 55	27 40	233	987·1	1014·9	+ 3·5	290·3	298·4	19th	281·7	272·0	1st	286·0	285·8	- 0·6	127	+69
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Arkhangelsk	64 34	40 31	6·3	1012·3	1013·1	+ 1·1	..	..	..	..	..	..	..	282·7	- 2·2	40	- 5
246	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 25	52 18	? 68	1000·4	1008·8	- 2·8	..	..	..	..	..	..	..	279·8	- 3·7	50	+ 3
248	Tchesrdyn	60 24	56 31	?208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	46	1003·0	1008·6	- 2·2	..	..	..	..	..	..	..	283·3	- 0·2	90	+39
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	1004·0	1009·7	+ 0·3	..	..	..	..	..	..	..	287·2	+ 1·6	55	- 4
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	1003·1	1008·5	- 0·6	..	..	..	..	..	..	..	283·7	+ 2·3	42	+ 2
261	Villouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	995·8	1008·4	+ 2·9	..	..	..	..	..	..	..	289·6	+ 1·0	11	-26
263	Verkholansk	67 33	133 24	100	988·4	1000·2	- 3·4	..	..	..	..	..	..	..	287·9	+ 2·1	16	- 8
264	Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	1009·6	1011·7	- 1·5	..	..	..	..	..	..	..	277·5	- 0·3	11	-10
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics. ∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	§St. Paul Island	57 15	170 10	28·0	..	1008·1	- 3·7	279·6	283·0	20th	275·7	273·6	9th	277·6	..	- 0·3	30	-23
303	§Dutch Harbor (Radio)	53 55	166 30	4·0	1008·5	1009·1	- 2·3	282·8	285·8	29th	277·2	275·2	5th,10th	280·0	‡279·7	- 0·8	97	+5
304	Chernofski Harbor	54 27	166 42	?	..	..	..	281·2	284·1	13th	276·7	274·1	21st	278·9	..	..	125	..
305	Dillingham	59 0	158 28	24·4	..	..	..	288·9	297·4	12th	..	..	..	..	..	..	28	+
306	§Kodiak (Radio)	57 47	152 22	4·6	1011·4	1012·2	- 1·3	285·5	293·0	24th,25th	278·4	275·2	9th	281·9	‡281·3	- 1·1	115	+
309	Sitka	57 3	135 19	19·8	..	..	..	288·3	300·2	20th	277·9	273·6	13th,15th	283·1	..	- 0·7	77	+6
310	Prince Rupert	54 18	130 18	51·8	1009·5	1015·8	- 1·0	288·1	296·9	21st	280·5	277·4	2,3,6	284·3	284·2	- 0·4	153	+8
311	Prince George	53 50	122 48	570	945·2	1011·3	..	292·7	298·6	23rd	279·7	274·1	15th,20th	286·2	285·9	- 0·1	72	+3
312	Kamloops	50 41	120 29	385	970·2	1014·9	- 0·6	295·8	305·2	15th	284·2	279·7	13th	290·0	290·1	- 0·9	18	-1
313	Calgary	51 2	114 2	1058	892·6	1011·1	+ 1·1	293·1	303·0	16th	279·6	273·6	4th	286·3	286·3	- 0·2	57	-2
314	Fort Smith	60 0	111 52	183	982·2	1003·7	..	293·9	303·6	7th	280·7	271·9	26th	287·3	287·6	+ 2·3	22	+3
315	§Prince Albert	53 10	105 38	437	955·8	1006·2	- 5·1	294·8	306·3	10th	283·2	273·6	4th	289·0	288·8	+ 1·4	104	+5
316	Qu'Appelle	50 30	103 47	651	933·8	1008·2	- 3·1	293·8	300·2	11th,17th	282·2	273·6	5th	288·0	288·0	- 0·1	116	-
317	§Minnedosa	50 15	99 50	515	948·8	1007·8	- 3·5	295·7	302·4	10th	282·9	274·1	6th	289·3	289·3	+ 0·9	72	-1
318	§Berens River	52 18	97 23	216	..	..	..	296·7	303·0	11th	282·2	271·9	6th	289·4	..	+ 2·3	41	-2
319	Pagwa	50 3	85 18	189	..	..	..	295·4	303·0	25th	..	..	..	..	..	..	..	..
320	Moose Factory	51 14	80 30	9·1	1007·4	1008·5	..	292·4	303·6	3rd	278·1	270·2	6th	285·2	285·5	- 0·6	..	..
321	Fort George	53 50	79 5	975	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	292·8	299·7	3rd	282·7	268·6	1st	287·8	..	+ 2·3	156	-2
323	Natashquan	50 8	61 48	6·1	..	..	..	289·3	294·1	17th,21st	280·2	275·2	2nd,5th	284·7	..	+ 1·8	58	-2
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††59 40	††17 25	§ (51)	..	..	..	..	..	Sea Temp. 283·0	-0·4	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1013·2	1014·9	- 1·1	289·8	294·0	16th	283·8	280·1	8th	286·8	286·9	+ 0·1	92	+2
335	Aberdeen	57 10	W. 2 6	26·0	1010·3	1013·5	- 1·3	289·9	297·7	5th	282·3	278·3	3rd	286·1	286·2	+ 1·7	45	+7
336	Greenwich	51 28	0 0	46·3	..	1016·2	- 0·2	295·5	301·3	18th,30th	283·7	278·0	9th	289·6	289·2	+ 1·2	90	-
337	Uccle	50 48	E. 4 22	100	1003·9	1015·7	- 0·5	297·9	302·9	22nd	284·9	279·5	9th	291·4	290·7	+ 2·5	41	-2
338	De Bilt	52 6	5 11	3·0	1015·7	1016·1	+ 0·2	297·3	303·1	19th	284·9	278·7	9th	291·1	290·8	+ 2·5	73	+6
338a	Hamburg	53 33	9 58	40·3	1012·8	1017·6	+ 2·4	297·0	304·7	12th	286·2	280·4	4th	291·6	291·1	+ 2·6	29	-1
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1017·5	1018·1	+ 3·9	293·5	300·0	13th	285·1	277·3	3rd	289·3	289·5	+ 2·6	38	-1
340	Potsdam	52 23	13 4	84·9	1007·0	1017·0	+ 2·0	298·7	305·8	12th	285·8	279·0	5th	292·3	292·3	+ 3·4	18	-1
340a	Uppsala	59 51	17 38	24	1012·7	1015·6	+ 2·8	295·1	304·2	20th	281·8	271·1	3rd	288·4	288·7	+ 1·6	68	+1
341	Warsaw	52 13	21 3	88·3	1007·1	1017·5	+ 4·8	299·2	305·7	27th	285·2	278·9	6th	292·2	292·3	..	8	-3
342	Tartu (Ülikooli)	58 23	26 43	80·8	1006·2	1015·9	+ 3·2	293·7	300·5	20th	282·7	273·7	3rd	288·2	288·5	+ 0·5	20	-1
343	Leningrad	59 56	30 16	4·8	1014·2	1014·8	+ 2·3	..	..	..	..	..	..	..	..	..	..	..
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	287·6	- 0·1	51	+
344a	Moscow	55 50	37 33	164	993·5	1013·1	+ 0·9	..	..	..	..	..	..	..	..	..	..	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	286·1	- 2·5	20	-1
346	Kazan	55 47	49 8	80·6	1000·3	1009·9	- 1·3	292·4	303·4	16th	281·6	273·5	3rd	287·0	286·6	- 3·8	27	-1
347	Orenburg	51 45	55 6	109	996·8	1009·5	- 2·3	..	..	..	..	..	..	..	291·7	- 0·9	38	-1
348	Perm	58 1	56 16	163	988·8	1008·2	- 2·6	..	..	..	..	..	..	..	285·9	- 2·6	52	-1
349	Sverdlovsk	56 50	60 38	281	975·1	1008·2	- 1·5	..	..	..	..	..	..	..	287·5	- 0·3	96	+6
350	Tobolsk	58 12	68 14	108	997·8	1010·6	- 0·5	..	..	..	..	..	..	..	288·9	+ 0·2	38	-2
351	Akmolinsk	51 12	71 23	347	969·6	1009·3	- 1·8	..	..	..	..	..	..	..	292·9	+ 2·1	12	-1
352	Omsk	55 1	73 19	108	998·2	1010·8	+ 0·6	..	..	..	..	..	..	..	291·8	+ 2·0	83	+1
353	Barnaoul	53 20	83 47	158	992·7	1011·1	+ 1·4	..	..	..	..	..	..	..	291·8	+ 1·7	27	-2
354	Tomsk	56 30	84 58	123	996·4	1010·8	+ 1·7	..	..	..	..	..	..	..	289·4	+ 1·4	25	-2
355	Minousinsk	53 43	91 41	249	981·8	1010·8	+ 1·6	..	..	..	..	..	..	..	290·1	- 0·2	8	-2
356	Eniseisk	58 27	92 10	81·2	1001·5	1011·2	+ 3·4	..	..	..	..	..	..	..	287·8	- 0·3	43	-2
357	Irkutsk	52 16	104 19	467	957·5	1011·9	+ 3·1	..	..	..	..	..	..	..	287·0	- 0·5	28	-2
358	Kirensk	57 47	108 7	278	978·0	1010·5	+ 3·4	..	..	..	..	..	..	..	288·9	+ 0·8	21	-2
359	Tchita	52 2	113 30	685	930·2	1008·5	+ 3·9	..	..	..	..	..	..	..	287·1	- 1·6	40	-2
360	Nertchinskii Zavod	51 19	119 37	621	935·5	1006·4	+ 1·7	..	..	..	..	..	..	..	287·1	- 1·3	64	-2
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	989·0	1005·5	+ 0·7	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	290·5	+ 0·1	85	-2
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1003·2	1008·3	0·0	..	..	..	..	..	..	..	..	..	..	..
366	Okhotsk	59 21	143 17	5·5	1007·9	1008·6	- 2·0	..	..	..	..	..	..	..	285·0	+ 0·6	31	-2
368	Petropavlovsk (Phare)	52 53	158 43	87·1	998·3	1009·0	- 1·4	..	..	..	..	..	..	..	278·7	0·0	35	-2
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	278·4	- 1·3	48	-2
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
‡See Table of Authorities, Remarks, pages 105-15.
§Number of observations.
††Mean latitude and longitude of the observations
‡Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1008·3	1016·8	+ 0·3	290·7	300·8	15th	282·7	280·2	14th	286·7	286·3	- 0·2	17	- 4
412	Portland, Oregon	45 32	122 41	46·6	1012·4	1017·6	+ 0·5	295·2	307·4	15th	284·4	280·2	18th	289·8	289·6	+ 0·5	18	-23
413	Macleod				..	..	..	..	..	..	..	..	..	..	..	..	..	..
414	Helena	49 44	113 24	953	..	..	..	295·2	305·2	8th	281·9	277·4	4th,18th	288·6	288·8	+ 0·8	34	-31
414a	Salt Lake City	46 34	112 4	1257	872·2	1011·8	- 0·6	296·2	307·4	16th	281·8	276·9	4th	289·0	289·0	+ 0·4	14	-45
415	Cheyenne	40 46	111 54	1329	866·1	1011·2	+ 0·6	300·1	308·6	16th	286·9	281·3	1st	293·5	293·9	+ 0·2	8	-13
416	North Platte	41 8	104 48	1856	813·4	1010·8	- 0·2	297·3	304·7	27th	281·1	277·4	15th	289·2	289·6	- 0·1	9	-29
416a	Bismarck	41 8	100 45	860	914·4	1011·5	- 1·1	300·0	308·6	21st	286·4	279·1	6th	293·2	293·1	- 0·2	103	+23
417	Winnipeg	46 47	100 38	510	950·8	1010·1	- 2·2	296·9	303·0	26th	285·2	279·1	6th	291·1	290·7	+ 0·1	56	-29
418	Duluth	49 53	97 7	232	981·9	1008·9	..	296·8	303·6	1st	284·9	275·8	6th	290·8	290·8	+ 1·0	65	-14
419	§Port Arthur	48 27	89 12	196	987·0	1010·0	- 4·1	295·0	303·0	20th	283·6	277·4	7th,10th	289·3	289·4	+ 2·5	96	+26
420	Chicago	41 47	87 35	205	989·3	1013·9	- 0·7	299·1	309·1	23rd	289·3	281·3	6th	294·2	293·5	+ 1·1	63	-21
421	Toronto	43 40	79 24	116	999·0	1012·6	- 2·3	298·0	305·8	4th	286·8	280·8	8th	292·4	292·2	+ 1·7	62	- 6
422	§New York (Central Park)	40 47	73 58	47·4	1009·4	1014·9	- 0·8	300·8	307·4	4th	291·3	283·0	1st	296·1	295·7	+ 1·6	74	-13
423	§St. John, N.B.	45 17	66 4	36·3	1010·1	1014·4	..	292·4	303·6	4th	283·6	275·8	2nd	288·0	287·4	+ 1·6	62	-21
424	S.W.Point, Anticosti	49 24	63 33	9·1	1011·2	1012·3	..	287·6	291·3	15,16,17	282·7	276·9	1st	285·1	285·1	+ 2·6	44	-29
424a	Sable Island (Main Station)	43 57	60 6	7·6	1016·9	1017·8	..	287·4	292·4	16th	282·2	278·0	1st,3rd	284·8	284·5	+ 1·4	27	-64
425	Port aux Basques	47 35	59 10	9·1	1011·8	1012·9	- 0·7	288·7	298·0	17th	281·6	275·8	3rd	285·1	284·7	+ 3·2	89	-17
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid				..	..	..	..	..	..	..	..	..	..	..	..	..	..
436	Nantes	40 24	3 41	667	938·6	1014·3	- 1·2	297·0	302·0	29th	286·4	281·9	3rd	291·7	290·7	- 0·9	88	+52
437	Paris (Parc St. Maur)	47 15	W. 1 34	36·5	1010·7	1015·0	- 2·4	294·1	302·4	22nd	285·9	281·5	11th	290·0	290·0	+ 0·6	74	+17
438	Marseille	48 49	E. 2 30	50·3	1009·7	1015·7	- 1·6	296·6	303·0	12th	286·7	282·6	9th	291·6	291·7	+ 2·2	73	+17
438a	Zürich	43 18	5 23	75	..	1014·0	- 0·8	300·1	304·8	4th	289·2	284·0	1st	294·6	294·1	+ 1·4	9	-19
439	Rome	47 23	8 33	493	958·9	1015·2	- 1·4	300·6	304·0	22nd	286·6	284·0	3rd	293·6	292·2	+ 3·0	81	-52
440	Vienna	41 54	12 29	45·5	1009·1	1014·4	- 0·7	303·4	307·4	5th	290·6	287·0	2nd	297·0	297·2	+ 2·4	45	+ 5
440a	Budapest	48 15	16 22	203	992·1	1015·7	+ 0·9	298·6	303·8	27th	287·8	282·8	6th	293·2	293·4	+ 2·1	21	-49
441	Sofia	47 31	19 1	130	1000·5	1015·7	+ 1·7	301·4	306·9	27th	288·6	282·2	8th	295·0	294·7	+ 2·3	41	-30
442	Bucharest	42 42	23 20	550	952·4	1015·2	+ 1·1	296·8	303·3	28th	286·0	280·9	6th	291·4	291·5	+ 0·2	105	+24
443	Odessa (Observatory)	46 26	30 46	42·8	1010·3	1015·3	+ 2·3	295·8	303·0	29th	287·1	280·5	5th	291·5	291·3	- 1·5	83	+27
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1009·4	1013·8	+ 1·2	..	..	..	..	..	..	..	..	..	..	..
445	Tiflis	41 43	44 48	404	965·5	1011·5	- 0·4	297·8	303·2	30th	288·0	284·1	11th	292·9	292·5	- 1·4	148	+75
446	Astrakhan	46 21	48 2	-20	1013·8	1011·4	- 0·4	..	..	..	..	..	..	..	294·0	- 1·5	59	+41
447	Fort Alexandrovsk	44 31	50 7	-23·0	1013·0	1010·3	- 0·6	..	..	..	..	..	..	..	294·4	- 1·5	3	- 9
448	Krasnovodsk	40 0	52 59	-4·6	1010·7	1010·2	+ 0·1	..	..	..	..	..	..	..	296·9	- 1·3	7	- 2
449	Kasalinsk				..	..	..	..	..	..	..	..	..	..	..	..	..	..
450	Tashkent	45 46	62 8	66·7	..	..	..	..	..	..	..	..	..	..	297·3	+ 1·1	0	- 6
451	Andijan	41 20	69 18	479	952·8	1005·9	- 1·2	306·6	310·9	16th	291·8	286·5	29th	299·2	299·2	+ 1·5	0	-12
452	Alma Ata	40 47	72 23	503	951·4	1007·1	..	306·3	311·3	26th	292·1	285·6	21st	299·2	298·4	..	33	..
		43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	294·1	..	43	..
461	Moukden				..	..	..	..	..	..	..	..	..	..	..	..	..	..
462	Joshin	41 46	123 24	44·3	1000·4	1005·5	+ 1·1	302·5	307·8	19th	288·9	283·0	7th	295·7	295·5	+ 0·8	77	-11
463	Yuki	40 40	129 12	31·9	1004·7	1008·5	+ 1·4	293·5	303·6	19th	285·4	280·0	7th	289·5	288·7	+ 0·2	77	+19
464	Vladivostok	42 20	130 24	63·8	1000·9	1008·5	+ 1·3	291·9	302·9	20th	284·5	278·4	7th	288·2	288·0	+ 0·4	132	+48
465	Uchlai	43 7	131 54	128	993·0	1008·3	0·0	..	..	..	..	..	..	..	286·6	- 0·3	79	+ 9
466	Nemuro	47 20	142 47	27·4	1006·2	1009·5	+ 0·8	288·2	299·2	16th	277·8	273·2	3rd	283·0	282·8	- 1·0	57	-25
466a	Syana	43 20	145 35	26·7	1006·5	1009·7	- 0·4	286·9	295·1	22nd	279·3	274·2	5th	283·1	282·7	- 0·2	53	-40
		45 14 N.	147 53 E.	39·3	1005·2	1010·0	- 0·3	286·3	295·8	30th	278·0	272·9	1st	282·1	282·0	- 0·2	45	-14

BETWEEN LATITUDE 40° N. AND 30° N.

508	35°-30°N. 145°-140°W.	N. ††31 49	W. ††141 31	§ (35)	..	1024·4	+ 0·3	..	..	Sea Temp. 291·9	-1·1	..	..	..	..	290·8	- 0·6	..	..
511	San Francisco	37 48	122 26	47·2	1007·4	1013·2	- 1·5	292·7	299·1	5th		284·3	283·0	2nd	288·5	287·5	+ 1·5	0	- 4
512	Sacramento	38 35	121 30	21·0	1008·3	1010·8	- 1·1	304·1	313·0	10th		285·9	281·9	26th	295·0	295·0	+ 1·2	0	- 3
513	San Diego																		
514	Modena	32 43	117 10	26·5	1009·3	1012·5	- 0·5	293·7	299·7	6th		288·5	286·9	24th	291·1	290·8	+ 0·6	1	- 1
515	Santa Fé	37 48	113 54	1668	832·5	1009·5	0·0	301·3	306·9	11th		281·3	273·6	1st	291·3	292·5	+ 1·1	18	+ 9
516	Denver	35 41	105 57	2138	788·4	1008·1	- 0·1	300·4	305·2	13th		284·6	274·1	1st	292·5	292·8	+ 0·8	9	-21
517	Abilene	39 45	105 0	1613	837·0	1010·8	- 0·1	301·2	308·6	28th		286·1	280·8	5th	293·7	293·4	+ 1·1	4	-30
518	Saint Louis	32 23	99 40	530	952·4	1011·8	+ 0·1	305·3	311·3	28th		293·6	288·6	7th	299·4	299·2	+ 0·3	44	-25
519	Mobile	38 38	90 12	173	994·1	1014·2	- 0·1	302·3	311·3	22nd		291·6	284·1	8th	296·9	297·1	0·0	67	-49
520	Nashville	30 41	88 2	17·4	1013·3	1015·2	- 0·1	304·9	310·8	24th		294·6	288·6	9th	299·8	298·7	+ 0·6	14	-122
521	Charleston	36 10	86 47	166	996·9	1016·2	+ 0·7	303·0	310·8	23rd		290·6	282·4	1st	296·8	297·4	- 0·6	40	-67
522	Washington	32 47	79 56	14·6	1014·7	1016·6	+ 0·1	301·2	308·0	20th		294·6	289·1	1st	297·9	298·2	- 0·7	167	+45
524	Bermuda	38 54	77 3	34·1	1011·4	1015·2	- 0·1	303·1	309·1	26th		290·8	280·2	1st	296·9	296·7	+ 1·5	81	-24
		32 17	64 46	38·1	1016·4	1021·8	..	299·3	301·9	19th		292·6	289·7	1,2,3	295·9	295·7	- 1·6	203	+92
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.			°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations.
§Number of observations.
‡Change of normals, see Table of Authorities, pages 105-15.

JUNE - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
530	Santa Cruz (Flores)	39 27	31 9	40	1021·0	1025·6	+ 1·0	296·5	300·9	27th	291·0	287·4	2nd	293·8	293·6	+ 1·4	28	-44
531	Horta	38 32	28 38	65	1017·7	1025·5	+ 1·5	296·3	301·0	27th	290·5	287·3	2nd	293·4	293·0	+ 0·9	41	-15
532	Ponta Delgada	37 44	25 40	22	1021·9	1024·6	+ 1·2	294·8	297·2	28th	290·6	288·3	5th	292·7	292·6	+ 0·9	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	57	..
533	Madeira (Funchal)	32 38	16 55	25	1019·2	1022·2	+ 1·4	294·8	297·4	30th	290·4	289·0	5th	292·6	292·7	+ 0·2	0	-42
536	Lisbon	38 42	9 9	95	1005·0	1016·2	- 1·1	295·2	299·0	10th	288·2	284·2	3rd	291·7	291·2	- 1·1	40	-23
535a	¢Melilla	35 17	2 59	40	1010·9	1015·6	- 0·9	297·2	301·2	18th	290·6	286·4	4th	293·9	294·2	- 0·8	30	+13
536	Gibraltar	36 6	5 21	27·4	..	1015·2	- 2·3	297·4	302·4	25th	288·4	284·7	3rd	292·9	291·7	- 1·5	149	+13
536a	Colomb-Béchar	31 37	W. 2 13	769	924·6	1008·0	- 1·2	306·2	313·2	28th	291·1	284·2	4th	298·7	299·0	- 2·3	0	-178
537	Palma	39 34	E. 2 39	23	1011·8	1014·5	- 2·9	300·9	306·0	29th	288·2	284·0	6th	294·6	294·8	- 0·4	25	..
538	Algiers (University)	36 46	3 13	59	1007·5	1014·4	- 1·4	298·7	304·9	24th	291·7	288·5	5th	295·2	294·5	0·0	16	..
538a	Gadames	30 8	9 30	351	..	..	..	314·0	321·0	11th	295·6	291·0	23rd	304·8	..	- 0·3	0	..
539	Tunis	36 48	10 10	66	1006·4	1014·0	- 1·1	302·6	310·6	30th	291·4	288·3	6th	297·0	297·0	+ 1·6	13	..
540	Malta	35 54	14 31	71·2	..	1014·1	- 0·6	299·3	304·1	1st	292·8	291·3	1,10,24	296·1	295·2	+ 0·5	0	..
541	Athens	37 58	23 43	107	1000·9	1013·2	+ 0·5	302·4	309·3	29th	292·0	287·4	8th	297·2	296·7	- 0·2	15	..
542	Alexandria	31 12	29 53	32·0	1008·2	1011·9	- 0·8	302·0	313·9	10th	294·7	293·0	1st	298·4	297·9	+ 1·1	0	..
543	Ankara (Angora)	39 58	32 48	861	914·9	1010·6	- 1·0	297·6	305·1	28th	283·7	277·0	9th	290·7	290·7	..	43	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1010·0	+ 1·2	305·4	309·1	28th	290·8	288·0	15th	298·1	..	- 0·2	2	..
544	Beirut	33 54	35 28	33·7	..	1009·8	- 1·1	303·1	306·9	11th	294·1	292·7	1st,2nd	298·6	298·4	+ 1·1	0	..
545	Hinaidi	33 17	44 29	32·9	1000·2	1003·8	+ 0·1	313·5	317·1	3rd,7th	295·9	293·3	15th	304·7	305·3	- 0·6	0	..
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	865·2	992·4	..	305·5	309·7	19th,23rd	291·4	288·3	11th	298·4	298·0	- 1·2	1	..
548	Meshed	36 17	59 36	946	..	..	..	305·3	309·5	18th	..	..	..	..	..	..	0	..
549	Seistan	31 2	61 30	2610	946·4	..	..	311·1	313·9	24th	297·4	291·7	1st	304·3	..	+ 0·5	0	..
550	Quetta	30 10	67 1	1647	830·4	..	+ 0·2	306·8	310·2	26th	289·6	283·6	6th,8th	298·2	297·8	+ 1·4	13	..
551	Peshawar	34 1	71 35	355	961·0	999·3	+ 0·9	313·4	317·4	26th	298·6	295·8	5 days	306·0	305·8	- 0·1	3	..
551a	Lahore	31 35	74 20	214	976·2	999·6	+ 1·6	313·9	318·0	2nd,10th	299·7	293·6	14th	306·8	306·6	- 0·3	15	..
552	Simla	31 6	77 10	2202	779·1	..	+ 1·3	295·2	299·7	1,10,11	287·7	282·4	14th	291·4	291·0	- 1·5	172	..
552a	Leh	34 9	77 34	3503	666·0	..	+ 0·5	292·4	299·1	30th	278·9	275·2	3rd	285·7	285·1	- 1·8	2	..
558	Sian	34 31	109 5	365	961·7	1001·9	..	305·2	313·2	30th	294·5	287·0	6th	299·8	301·0	..	36	..
559	Hankow	30 35	114 17	37·0	..	1007·8	+ 2·4	302·2	307·7	27th	294·6	291·2	25th	298·4	298·2	- 0·5	190	..
560	Tientsin	39 9	117 9	6·4	..	1006·3	+ 1·7	306·3	310·9	22nd	292·3	287·9	7th	299·3	298·8	+ 1·5	49	..
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1006·4	1007·2	+ 0·9	301·9	309·7	28th	293·0	287·7	6th	297·5	296·7	+ 0·7	179	..
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1000·8	1009·0	+ 2·1	297·5	302·5	27th	289·3	286·1	7th	293·4	292·7	+ 0·4	66	..
562a	Nagasaki	32 44	129 52	133	994·1	1009·4	+ 1·0	298·5	302·7	13th,30th	292·0	288·0	9th	295·3	294·8	+ 0·3	143	..
563	Kyoto	35 1	135 44	42·9	1004·3	1009·3	+ 0·7	300·5	305·1	13th,22nd	289·6	285·4	6th	295·1	294·9	+ 0·8	252	..
564	Tokyo	35 41	139 46	5·8	1008·6	1009·3	+ 0·1	298·1	301·6	26th	290·7	287·2	6th	294·4	294·5	+ 1·0	123	..
565	Hukusima	37 45	140 28	68·5	1001·5	1009·5	+ 0·7	299·0	304·5	1st	288·1	284·8	13th	293·5	293·0	+ 0·9	102	..
566	Miyako	39 38	141 59	30·4	1005·3	1008·9	- 0·4	295·0	302·9	21st	285·3	281·4	7th	290·1	289·5	+ 0·5	130	..
		N.	E.															

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

¢Change of normals, see Table of Authorities, pages 105-15.

JUNE - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
601	¢Midway Island	28 13	177 22	5·8	1020·3	1021·0	..	301·9	303·0	8th	293·5	291·3	2nd	297·7	297·2	+ 0·7	40	..
605	Honolulu	21 19	157 52	11·6	1015·6	1016·9	- 0·3	299·9	300·8	3rd	295·2	294·1	16th	297·6	297·4	- 0·2	24	..
613	Guaymas	27 55	110 53	8·3	1008·7	1009·6	..	307·1	313·0	26th	297·4	292·0	3rd	302·3	300·7	- 1·0	0	..
615	Leon	21 7	101 41	1809	819·6	1006·1	- 1·4	301·4	304·6	5th	287·7	285·3	12th	294·5	294·0	- 1·4	51	..
616	Monterry	25 40	100 18	528	952·3	1011·0	+ 1·4	302·7	306·0	24th	294·6	291·8	11th	298·7	297·8	- 2·1	72	..
617	Tulancingo	20 5	98 22	2181	789·5	..	- 0·2	295·7	298·4	12th	284·1	280·4	3rd	289·9	289·0	- 1·0	79	..
618	Galveston	29 18	94 50	16·5	1013·6	1015·6	+ 1·1	302·6	309·1	27th	297·5	295·2	9th	300·0	299·3	- 0·1	0	..
618a	New Orleans	29 57	90 4	16·2	1013·5	1015·2	0·0	304·8	311·3	27th	295·4	291·9	1st	300·1	299·7	+ 0·1	32	..
619	Merida, Yucatan	20 58	89 38	22	1010·0	1012·5	- 0·7	304·2	307·0	15th	296·6	295·2	4th,5th	300·4	299·3	- 0·5	183	..
620	Havana	23 7	82 25	77·0	1004·8	1013·6	- 1·8	303·2	306·6	29th	295·8	294·0	7th	299·5	298·8	..	250	..
620a	Key West	24 33	81 48	6·7	1014·1	1014·5	- 0·7	302·4	304·7	28th	296·9	293·6	15th	299·7	299·8	- 1·0	329	..
621	Nassau, Bahamas	25 5	77 20	9·6	..	1015·1	- 1·7	303·3	305·2	19,26,29	295·9	294·1	9th,15th	299·6	299·6	- 0·7	171	..
622	San Salvador (Watling Island)	24 6	74 26	33·5	1013·4	1017·2	+ 0·2	..	303·6	29th	..	298·0	28th	..	300·6	- 0·3	..	..
633	Port Etienne	20 56	17 3	4	1013·3	1013·8	..	302·6	313·0	21st	289·9	287·0	6th	296·3	293·4	..	0	..
634m	¢Izaña	28 19	16 30	2367	770·5	..	- 0·3	288·4	293·8	17th	279·8	272·6	10th	284·1	283·6	- 1·8	1	..
634	La Laguna	28 28	16 20	547	954·9	1018·4	+ 0·4	294·1	297·3	17th,18th	282·8	279·6	19th	288·5	287·8	- 2·6	11	..
636	Adrar	27 52	W. 0 17	2285	979·2	1010·3	..	..	..	..	296·0	291·0	5th	..	306·4	..	0	..
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	21350	865·3	..	..	..	..	..	..	..	..	..	..	..	0	..
639	Sebha	27 1	14 27	424	..	..	..	..	..	..	..	..	..	..	..	..	0	..
640	Hon	29 8	15 56	263	..	..	..	?311·6	?322·7	13th	294·7	287·3	1st	?303·1	..	..	0	..
641	Giarabub	29 45	24 31	49	..	..	..	313·6	322·1	10th	292·5	287·8	24th	303·1	..	..	0	..
642	Siwa	29 12	25 29	-23	1013·4	1010·8	- 1·7	311·6	320·0	10th	293·8	291·4	1st,4th	302·7	302·1	+ 1·0	0	..
643	Cairo (Helwan)	29 52	31 20	116	997·2	1010·3	- 0·5	308·4	317·4	11th	294·0	289·8	1st	301·2	301·2	+ 1·0	0	..
643a	Aswan	24 2	32 53	100	995·9	1006·7	- 0·7	315·4	322·4	16th	298·5	295·0	3rd	307·0	306·7	+ 1·3	..	..
644	Tor	28 14	33 37	1·9	1007·2	1007·4	+ 0·3	307·1	314·0	9th	296·8	293·1	23rd	302·0	300·8	+ 0·9	0	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

JUNE - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	E.															
647	Bushire	28 59	50 49	4·3	999·7	1000·3	..	305·6	312·8	4th	300·3	298·0	1st,18th	302·9	302·2	- 0·2	0	0
648	Jask	25 45	57 45	4·0	997·8	998·3	..	308·6	311·8	19th	301·6	299·1	8th	305·1	304·4	0·0	0	- 2
649	Karachi	24 48	66 59	4·0	999·8	1000·3	- 0·1	305·9	310·8	27th	300·9	297·4	28th	303·4	302·7	+ 0·1	53	+31
650	Jacobabad	28 17	68 29	56·7	991·8	997·9	+ 0·7	317·8	320·2	7th,8th	302·9	296·9	30th	310·4	309·9	+ 0·1	83	+77
651	Jaipur	26 55	75 50	436	953·7	1000·8	+ 1·1	311·9	316·3	1st,2nd	299·4	293·6	15th	305·7	304·9	- 0·7	137	+78
652	Nagpur	21 9	79 7	310	968·3	1002·4	+ 0·9	310·4	318·0	1st,2nd	299·6	294·1	30th	305·0	304·0	+ 0·3	201	-26
653	Allahabad	25 26	81 50	94·2	989·9	1000·3	+ 1·2	313·3	319·1	1st	301·6	292·4	21st	307·5	306·8	+ 0·8	55	-71
653a	Darjeeling	27 3	88 16	2265	773·1	..	+ 0·3	292·0	294·4	30th	286·3	283·6	10th	289·1	288·7	0·0	438	-178
654	Calcutta	22 32	88 20	6·4	1001·1	1001·9	+ 1·1	307·0	311·3	14th	299·3	295·8	5th	303·1	303·1	+ 0·9	218	-84
655	Gauhati	26 11	91 45	59·7	997·7	1004·4	+ 1·4	303·2	307·3	1st,7th	296·7	294·7	4th	299·9	299·8	- 1·4	368	+17
655a	Cherrapunji	25 15	91 44	1313	864·1	..	+ 0·6	294·7	299·1	29th	290·6	288·6	12th	292·7	292·2	- 0·4	3141	+705
656	Mandalay	20 8	92 55	6·1	1004·5	1005·2	+ 1·1	301·9	304·2	6th	297·6	294·8	2nd	299·7	299·8	- 1·0	1142	-50
656a	Tengyueh	21 59	96 6	76·2	997·4	1005·8	+ 1·1	306·9	309·3	6th	298·8	295·6	12th	302·9	302·1	- 0·5	261	+121
657	Phu Lien	25 0	98 40	1634	831·4	1002·1	..	295·9	298·0	4,27,29	289·5	287·4	4th	292·7	292·1	- 0·2	..	..
658	Moncay	20 48	106 38	116	..	1005·7	+ 2·2	304·5	308·0	3rd	298·0	294·1	9th	301·3	300·8	- 0·1	319	+75
659	Hongkong	21 31	107 58	9·0	..	1005·9	+ 2·0	304·8	307·3	30th	297·6	295·2	8th	301·2	300·5	0·0	807	+293
660	Amoy	22 18	114 10	33·2	..	1007·6	+ 1·8	303·4	305·7	15th	298·7	293·7	8th	301·1	300·7	+ 0·5	311	-88
661	Taihoku, Formosa	24 26	118 4	4·9	1008·3	1008·8	+ 2·0	303·5	306·9	30th	298·0	291·3	8th	300·7	300·3	+ 0·1	80	-97
661a	Basco	25 2	121 31	9·3	1007·8	1008·8	+ 2·0	304·9	309·1	30th	295·5	290·5	8th	300·2	299·7	+ 0·1	309	+20
662	Naha	20 28	121 59	18·7	..	1008·2	+ 1·4	304·7	305·9	21st	299·1	296·9	8th	301·9	301·7	+ 0·4	85	-104
665	Titizima (Bonin Islands)	26 12	127 39	29·5	1006·8	1010·2	+ 1·6	301·7	304·7	29th,30th	297·2	291·5	8th	299·5	299·2	- 0·1	177	-86
		27 5 N.	142 11 E.	4·1	1012·7	1013·2	+ 1·0	302·5	305·4	30th	296·9	294·3	1st	299·7	299·5	+ 1·1	162	+27

BETWEEN LATITUDE 20° N. AND 10° N.

JUNE - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
715	Colima	19 12	103 45	498	955·9	1011·2	+ 1·1	305·5	310·8	6th	294·3	291·1	12th	299·9	298·9	- 0·5	139	-13
716	Morelia	19 42	101 7	1923	808·8	1006·8	- 0·2	296·8	300·4	5th	287·8	284·9	12th	292·3	292·6	+ 0·1	152	+ 9
717	Mexico, Tacubaya	19 24	99 12	2309	774·3	..	- 0·1	296·3	300·5	12th,13th	284·0	281·5	26th	290·1	289·0	- 0·6	165	+58
718	Salina Cruz	16 12	95 12	56	1003·4	1009·8	- 1·5	303·2	306·0	2nd,3rd	296·3	294·0	15th	299·7	300·5	0·0	350	+44
719	San Salvador	13 42	89 13	682	937·0	1012·2	+ 0·3	304·5	308·6	27th	291·8	290·6	29th	298·1	297·2	+ 0·8	288	-42
720	Belize	17 31	88 11	5·2	1011·4	1011·9	+ 0·3	302·3	304·1	1st	296·3	293·0	28th	299·3	298·9	- 1·5	225	+15
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·6	+ 0·1	304·2	305·7	30th	295·7	293·9	sev.dates	299·9	299·8	+ 0·2	159	+19
722	Port au Prince	18 33	72 20	37·4	1010·3	1014·6	- 0·3	306·1	309·0	30th	294·9	293·0	4th	300·5	300·6	+ 0·2	94	-10
723	Caracas	10 30	66 56	1043	897·4	1011·6	..	299·3	302·0	16th,24th	290·3	289·2	21st	294·8	294·2	- 1·2	102	- 1
724	San Juan, Porto Rico	18 29	66 7	25·0	1013·4	1016·2	- 0·1	302·2	304·7	14th	296·9	295·2	7th	299·6	299·3	+ 0·2	60	-89
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·4	1013·7	+ 0·2	303·2	304·7	14th	295·7	294·7	9th,12th	299·4	298·9	+ 0·3	301	+91
725	Barbados	13 8	59 36	57·9	..	1014·6	+ 0·2	303·1	304·8	17th	296·2	294·0	4th	299·7	299·5	- 0·2	102	- 7
731	São Vicente, C. Verde Is.	16 54	25 4	11	1014·1	1015·4	+ 0·2	298·2	301·5	20th	294·4	293·5	1st	296·3	296·3	- 0·2	0	0
732	San Tiago, C. Verde Is.	14 54	23 31	34	1011·4	1015·3	- 0·1	301·0	305·0	20th	295·2	293·4	1st	298·1	298·0	- 0·3	0	0
733	Dakar	14 40	17 26	32	..	1013·3	..	304·0	307·0	21st	294·9	292·6	10th	299·5	298·0	- 0·2	22	+ 5
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	301·5	309·1	20th	294·8	290·8	4th,28th	298·2	298·1	- 1·4	68	..
735	Niénébalé	12 57	7 26	300	..	..	..	307·5	312·6	3rd	296·0	292·4	24th	301·7	302·5	..	204	..
736	Kabara	16 45	W. 3 1	273	..	..	..	316·9	321·0	25th	298·1	296·0	12th	307·5	307·0	..	0	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	308·0	312·4	2nd	296·8	291·9	25th	302·4	301·9	- 0·4	133	+30
738	Kaduna Capital	10 32	7 25	?637	..	..	..	302·9	305·2	1st,20th	..	..	..	..	..	- 0·1	116	-64
739	Hadejia	12 40	10 5	?	..	..	..	310·4	315·8	2nd	296·5	293·0	14,15,24	303·4	302·8	- 0·3	42	-12
740	Maiduguri	11 47	13 11	361	..	..	..	310·5	314·1	1st	..	..	..	..	‡302·8	+ 0·6	32	-22
741	¢El Fasher	13 32	25 18	730	926·0	1005·0	..	311·3	315·0	13th	294·3	292·0	18th	302·8	302·1	- 1·3	69	+50
743	El Obeid	13 11	30 14	563	946·6	1008·0	+ 1·2	308·5	312·5	17th	294·7	290·5	12th	301·6	300·7	- 1·7	92	+58
743a	Khartoum	15 37	32 33	390	964·3	1006·8	+ 0·9	314·4	318·6	17th	299·3	295·9	24th	306·8	306·6	- 0·5	18	+10
744	Fort Sudan	19 37	37 13	5·5	1005·9	1006·6	+ 0·7	313·3	318·7	16th	299·0	296·2	29th	306·2	305·6	+ 1·0	0	0
745	Berbera, Somaliland	10 26	45 2	13·8	1004·0	1005·6	+ 1·1	313·7	316·3	18th	303·2	299·1	29th	308·5	307·8	- 0·3	0	0
746	Aden	12 49	45 2	29·9	1002·2	1005·5	+ 0·6	308·1	311·0	12th	302·6	301·3	29th	305·3	305·0	+ 0·4	0	- 2
751	Bombay	18 54	72 49	11·3	1003·5	1004·8	- 0·3	304·6	307·4	sev.dates	299·0	296·3	28th	301·8	301·4	- 0·1	678	+213
752a	Kodaikanal	10 14	77 28	2343	769·5	..	+ 0·4	291·7	295·4	3rd	285·0	283·8	27th	288·3	287·6	+ 0·2	110	+ 7
753	Bangalore	12 58	77 35	921	907·2	1006·9	+ 0·2	303·5	307·6	7th	292·9	291·2	27th	298·2	297·1	+ 0·8	38	-35
754	Madras	13 4	80 15	6·7	1004·7	1005·6	+ 0·1	308·8	314·1	4th,6th	299·2	296·3	28th	304·0	303·2	- 1·1	79	+31
755	Vizagapatam	17 42	83 18	38·4	998·0	1002·3	+ 0·1	305·7	310·3	4th	299·7	294·2	6th	302·7	302·0	- 0·7	88	-36
756	Port Blair	11 40	92 43	18·0	1005·8	1007·9	+ 0·5	302·7	304·8	10th	297·7	295·2	4th	300·2	299·5	- 0·5	534	+42
757	Rangoon	16 46	96 11	5·5	1007·3	1007·9	+ 1·1	303·6	306·2	9th	297·6	296·1	28th	300·6	299·5	+ 0·2	344	-114
758	Cap St. Jacques	10 20	107 45	180	..	1009·1	..	302·8	305·1	2nd,11th	296·6	294·2	6th	299·7	299·2	- 0·4	172	-23
759	Nhatrang	12 15	109 12	3·6	..	1006·8	..	304·6	306·7	2nd	297·0	295·8	7th	300·8	300·3	- 0·8	36	-13
	Bolinao	16 23	119 53	2	..	1007·4	+ 1·0	305·1	306·5	11th	..	..	..	..	301·2	+ 0·6	187	-231
761	Vigan	17 34	120 23	12·2	..	1007·5	+ 0·5	305·5	306·6	14th,27th	298·1	294·5	16th	301·8	301·2	+ 0·2	273	-71
761a	Manila	14 35	120 59	14·2	..	1008·3	+ 0·5	305·1	307·8	8th	297·1	295·8	19th	301·1	300·3	- 0·4	300	+44
762	Ormoc	11 0	124 36	5·6	..	1007·8	0·0	304·9	307·2	7th	295·9	294·3	25th	300·4	300·0	+ 0·1	178	-31
765	¢Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·0	- 0·1	304·5	305·6	8th,9th	298·2	295·4	25th	301·3	301·4	+ 0·1	126	-16
766	Saipan	15 14	145 46	207	987·6	1007·7	..	302·0	302·8	27th	296·9	295·2	1st	299·5	299·2	..	70	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	¢Fanning Island	3 54	159 23	5·3	..	..	..	..	..	..	297·7	294·2	21st	..	‡301·5	- 0·4	240	..
821	Cristobal	9 23	79 54	11·0	..	1009·9	- 0·6	303·6	305·2	20th	297·8	296·3	20th	300·7	300·1	+ 1·0	239	..
822	Bogota	4 36	74 5	2645	746·8	..	+ 0·4	291·0	293·2	12th	283·3	281·8	11th	287·2	285·7	- 0·2	79	..
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	1008·6	1012·9	+ 1·3	304·2	305·4	25th	296·6	295·3	5th	300·4	299·9	0·0	41	..
824	El Peru, Guayanavieja	7 19	61 49	220	985·4	1010·2	- 1·0	304·1	305·2	2nd,29th	295·1	294·4	5th,9th	299·6	299·0	+ 1·2	145	..
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·9	- 0·3	301·9	303·3	29th	296·9	296·3	sev.dates	299·4	299·1	- 0·1	321	..
826	Paramaribo	5 49	55 9	3·7	1012·5	1012·9	- 0·9	303·6	306·2	10th	295·8	294·8	23rd	299·7	299·0	+ 0·3	285	..
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	600	..
831	10°-5°N. 30°-25°W.	††7 3	††27 3	§(81-101)	..	1014·6	+ 1·0	..	..	Sea Temp. 299·1|-0·4	..	..	..	..	298·6	- 0·5	..	..
833	¢Konakri	9 31	13 43	16	..	..	..	301·7	304·9	3rd	296·8	293·8	9th	299·3	300·2	- 0·4	297	..
834	Freetown, Sierra Leone	8 29	13 14	55·0	1005·9	1012·2	+ 1·9	302·4	304·1	23rd	295·4	292·4	22nd,25th	298·9	298·3	- 0·9	257	..
835	Assuantsi	5 18	1 15	97·3	1000·5	1011·7	..	300·9	303·6	2,9,19	294·2	293·0	20th,24th	297·6	297·1	- 0·5	279	..
836	Accra	5 33	W. 0 12	17·7	1010·6	1012·7	+ 0·3	..	..	..	297·2	295·2	8th	..	‡300·3	+ 0·5	216	..
837	Lagos	6 27	E. 3 24	3·0	1010·3	1010·7	- 1·7	302·8	304·1	7,21,28	296·3	294·1	11th	299·5	298·6	+ 0·1	337	..
838	Victoria, Nigeria	4 1	9 12	15·5	1009·3	1011·1	..	303·8	308·6	2nd	294·9	293·6	4,16,20	299·3	298·7	..	833	..
839	Yola	9 12	12 30	259	..	..	..	305·2	309·9	4th,5th	295·5	293·0	22nd,25th	300·3	299·7	- 0·1	155	..
841	¢Nau	7 42	28 3	440	961·5	1010·4	+ 1·2	306·4	309·0	sev.dates	293·8	292·5	14,15,19	300·1	298·9	- 0·1	204	..
843	Malakal (Kodok)	9 35	31 37	394	967·0	1011·1	+ 0·8	305·4	308·8	13th	294·4	292·6	9th,26th	299·9	298·5	- 0·2	99	..
843a	Mongalla	5 11	31 47	448	961·1	1011·4	+ 0·5	305·4	308·8	17th	294·5	293·0	20th	300·0	298·6	+ 0·2	121	..
844	Entebbe	0 5	32 29	1171	885·5	1012·1	+ 0·6	297·9	299·7	22nd	290·1	288·0	20th,21st	294·0	293·8	+ 0·2	151	..
845	Sheikh	9 55	45 15	1463	..	..	..	301·4	304·1	16th	290·8	288·6	29th	296·1	295·4	..	15	..
851	Minicoy	8 18	73 0	2·7	1008·8	1009·1	- 0·5	303·0	305·2	14th	298·6	296·7	21st	300·8	300·1	..	207	..
851a	Cochin	9 58	76 14	2·7	1009·2	1009·6	0·0	302·2	304·8	1st	296·7	294·1	26th	299·4	298·7	- 0·3	645	..
852	Colombo Observatory	6 54	79 52	7·3	..	1009·1	+ 0·7	302·4	303·7	13th	297·3	294·9	9th	299·8	299·1	- 0·5	339	..
853	Nuwara Eliya	6 58	80 46	1881	812·9	1010·3	+ 0·7	292·2	296·5	13th	285·9	282·3	11th	289·1	288·4	+ 0·1	277	..
854	Trincomalee	8 35	81 15	30·2	..	1005·9	+ 0·6	305·3	307·2	10th	298·6	296·8	14th	301·9	301·2	- 0·6	24	..
855	Kuta Raja	5 32	95 20	7·1	..	1009·5	+ 0·6	..	..	..	..	..	..	..	..	..	95	..
856	Medan	3 35	98 41	25	..	1008·8	0·0	304·2	307·4	29th	295·2	291·9	27th	299·7	299·2	- 0·2	179	..
857	Penang	5 34	100 20	5·0	..	..	..	305·6	308·0	7th,13th	296·9	295·8	19th,26th	301·3	300·7	+ 0·7	99	..
857a	Butterworth	5 25	100 22	2·1	..	1007·6	..	304·2	306·3	1st,4th	296·5	295·8	sev.dates	300·3	299·9	..	272	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	998·8	1009·1	0·0	303·4	305·8	4th,5th	297·6	295·2	11th,14th	300·5	300·1	..	265	..
859	Sandakan	5 50	118 7	31·7	..	..	..	304·3	305·8	11th	296·9	295·8	1,13,30	300·6	300·5	0·0	185	..
860	Iwahig	9 44	118 38	14·3	..	1007·6	+ 0·3	304·2	305·7	2nd	296·1	294·8	7th	300·1	299·9	+ 0·6	157	..
861	Tagbilaran	9 38	123 51	21·3	..	1007·9	- 0·1	304·7	307·3	1st	296·9	296·0	12th,25th	300·8	300·0	- 0·4	219	..
861a	Menado	1 30	124 50	8·5	..	1008·2	- 0·2	303·1	306·0	3rd	296·1	294·2	8th	299·6	299·2	0·0	..	..
862	Surigao	9 48	125 29	6·0	..	1008·4	+ 0·2	303·9	307·1	4th	297·3	296·4	16th	300·6	300·2	0·0	234	..
863	¢Kolonie, Yap	9 29	138 8	29·3	..	1009·5	+ 0·5	303·5	305·8	29th	297·9	296·7	24th	300·7	300·0	- 0·3	409	..
864	Palau	7 20	134 29	31·8	1005·8	1009·4	..	302·8	304·1	7th,12th	297·5	295·1	30th	300·1	299·9	..	247	..
867	Ponape	6 58	158 13	38·9	1004·6	1009·0	..	302·6	304·3	9th	296·4	294·6	5th	299·5	299·3	..	435	..

JUNE - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	1009·3	1009·5	..	302·8	304·6	7th	300·6	297·2	9th	301·7	301·4	..	157	..
920	Lambayeque	6 46	80 55	15	1010·6	1012·4	..	302·0	303·2	3rd,10th	289·8	286·8	27th	295·9	294·2	..	0	..
921	Quito	0 14	78 30	2186	727·9	..	- 0·1	293·1	296·3	11th	280·8	278·9	17th	286·9	285·8	- 0·1	132	..
923	Senna Madureira	9 4	68 40	135	..	..	..	305·8	309·0	28th,30th	293·1	290·0	17th	299·4	298·6	..	103	..
923	São Gabriel do Rio Negro	0 8	67 5	85·0	1001·8	1011·5	..	303·1	308·5	20th	294·9	292·1	28th	299·0	297·6	..	557	..
924	Manaos	3 8	60 1	43·8	..	..	..	304·3	305·4	16th	295·3	294·3	7th	299·8	299·6	+ 0·4	56	..
926	Taperinha	2 30	54 20	21·5	1010·3	1012·8	+ 0·4	303·1	304·6	26,28,30	295·2	294·0	23rd,24th	299·2	298·0	+ 0·2	152	..
927	Turyassu	1 43	45 26	9·1	1011·0	1012·0	- 0·2	304·2	305·6	22nd,23rd	294·1	293·2	24th	299·2	298·6	+ 0·2	359	..
928	Barra do Corda	5 30	45 16	81·0	1003·9	1013·4	..	304·4	305·6	25th	291·7	289·1	29th,30th	298·0	296·8	- 0·6	28	..
929	Quixeramobim	5 16	39 15	207	990·8	1014·3	+ 0·5	303·2	304·6	3rd,4th	297·1	295·8	19th	300·2	300·0	+ 0·8	64	..
930	Fernando Noronha	3 50	32 25	106	1001·5	1013·5	0·0	300·4	301·1	6th	296·7	294·5	10th	298·6	298·2	+ 0·3	195	..
934	Ascension Island	7 56	W. 14 25	16·8	1014·8	1016·6	+ 0·9	..	..	..	..	..	..	..	298·4	0·0	1	..
939	Loanda	8 49	E. 13 13	59·3	..	1014·7	+ 0·1	297·0	298·7	1st,21st	292·0	288·3	..	294·5	293·9	- 0·5	0	..
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	292·6	294·8	..	282·6	279·9	..	287·6	288·4	..	58	..
943	Masaka	0 20	31 44	1280	..	..	..	300·7	301·9	5,11,25	289·6	288·0	14th,28th	295·1	294·4	..	18	..
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	822·4	1016·8	..	291·9	295·4	21st	284·2	281·1	15th	288·1	287·7	..	21	..
944a	Zanzibar	6 10	39 12	17·1	1015·7	1017·6	0·0	301·3	302·2	4th	295·9	294·3	30th	298·6	298·1	+ 0·1	5	..
945	Lamu	2 16	40 50	3·0	..	..	..	301·2	302·4	30th	295·8	293·0	20th	298·5	298·1	- 1·2	43	..
947	Seychelles, Port Office	4 37	55 27	4·6	1011·0	1011·6	- 0·4	301·4	302·7	2nd	296·6	294·5	9th	299·0	298·4	+ 0·1	107	..
957	Padang	0 56	100 22	6·7	..	1009·6	- 0·5	304·1	305·1	1st	296·5	294·8	4th	300·3	299·7	+ 0·2	434	..
958	Batavia	6 11	106 50	8·0	1008·8	1009·7	- 0·1	304·1	305·6	2nd	296·4	293·7	22nd	300·3	299·8	+ 0·6	17	..
958a	Pontianak	0 1	109 20	2·6	..	1009·4	0·0	304·6	307·3	1st	297·2	295·8	15th	300·9	300·0	+ 0·1	442	..
959	Pasuruan	7 38	112 55	5·0	..	1009·9	- 0·4	303·2	304·0	22nd	294·3	292·5	28th	298·7	298·9	- 0·3	0	..
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	0	..
962	Amboina	3 42	128 10	4·2	..	1010·2	+ 0·1	300·4	302·1	3rd	296·8	295·1	3rd	298·6	298·4	+ 0·3	829	..
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	190	..
965	Daru	9 4	143 13	7·6	..	1011·7	+ 0·2	300·7	..	..	296·3	..	..	..	..	..	99	..
966	Port Moresby	9 29	147 9	38·4	..	1011·1	+ 0·1	300·7	..	..	298·8	..	..	298·5	298·1	- 0·4	139	..
967	Rabaul	4 9	152 12	12·5	1007·3	1008·8	- 0·3	305·7	306·8	14th	295·7	294·7	6th	299·7	299·4	+ 0·4	191	..
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	..	..	..	..	..	..	300·7	300·1	+ 0·4	29	..
970	Ocean Island	0 52	169 35	42·6	1004·7	1009·5	- 0·8	305·1	306·3	1,18,25	298·8	297·4	13,14,15	301·9	301·2	+ 0·8	51	..

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
§Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1010·6	- 0·9	301·8	303·5	18th	296·2	293·8	11th	299·0	298·9	- 0·1	88	-48
1003	¢Alofi, Niue Island	19 2	169 55	19·8	..	1014·3	- 1·0	299·2	301·9	26th	290·7	288·6	6,10,15	294·9	294·7	- 1·5	60	-14
1021	Lima	12 5	77 3	111	998·4	1011·5	..	294·1	296·4	3,8,14	288·1	284·6	27th	291·1	290·3	..	3	..
1022	Arica	18 28	70 20	5	1013·0	1013·6	..	292·7	294·0	14th	286·5	285·5	22nd	289·6	289·9	+ 0·1	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	659·2	..	+ 0·9	290·5	292·8	28th	274·4	273·0	21st	282·5	281·0	+ 0·6	6	- 2
1025	Corumba	18 59	57 39	116	998·7	1011·8	- 1·6	303·7	305·4	13th,21st	292·9	288·6	30th	298·3	298·0	+ 3·8	32	- 6
1026	Cuyaba	15 36	56 6	165	993·6	1012·3	- 1·0	305·8	307·5	14th,23rd	291·1	285·6	29th	298·4	297·0	+ 1·3	11	+ 4
1027	Bello Horizonte	19 56	43 56	895	917·7	1017·1	- 0·3	298·7	301·0	12th	286·5	282·6	27th	292·6	291·7	+ 1·6	5	- 4
1028	Caetite	14 3	42 37	897	918·5	1017·9	+ 0·6	298·4	300·1	16th	288·3	285·6	27th	293·4	293·0	0·0	2	-10
1029	Ondina (Bahia)	13 0	38 31	46·6	1010·8	1016·3	- 0·1	299·5	300·6	9th,13th	294·9	293·2	16th	297·2	297·2	+ 0·3	137	-118
1030	Aracaju	10 55	37 3	6·1	1015·2	1016·0	- 0·6	300·1	301·0	4,10,13	294·9	292·5	26th	297·5	297·4	..	301	..
1035	¢St. Helena	15 57	W. 5 40	579	948·9	1016·2	+ 0·1	..	..	..	286·5	285·2	24,27,30	..	288·3	+ 0·4	91	+19
1039	Mossamedes	15 12	E. 12 9	12·5	1014·9	1016·4	..	..	296·5	17th	..	283·0	1st,25th	..	..	..	0	..
1041	Livingstone	17 51	25 51	972	911·5	1020·8	..	297·7	303·6	5th	279·7	275·8	17th	288·7	..	- 1·1	0	0
1041a	¢Elisabethville	11 39	27 28	1230	879·4	1015·1	- 0·3	297·0	300·3	19th	278·8	275·6	15th,30th	287·9	..	- 1·1	0	0
1042	Gwelo	19 26	29 45	1411	..	..	..	291·6	298·0	2nd,6th	278·3	271·9	18th	284·9	..	- 1·6	0	- 1
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	857·9	1021·9	+ 0·4	292·8	297·6	7th	279·5	275·3	13th	286·2	285·4	- 0·1	1	0
1044	Zomba	15 23	35 18	955	911·0	1017·4	- 0·1	294·3	299·1	7th,25th	284·0	280·8	14th	289·1	288·4	- 1·1	7	- 5
1045	Mossuril	14 57	40 40	15	..	1018·0	..	299·8	301·7	1,2,3	289·5	285·7	13th	294·7	294·4	..	7	..
1046	Antananarivo	18 55	47 33	1375	866·3	1017·4	- 1·5	293·5	296·1	7th	282·8	278·5	30th	288·1	286·8	- 0·2	3	- 4
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1010·2	1010·9	- 1·3	302·3	303·6	9th	298·2	296·3	28th	300·2	299·8	+ 0·8	213	-24
1057	Christmas Island	10 25	105 43	5·5	1008·4	1009·1	+ 0·2	303·7	304·1	sev.dates	296·8	295·8	7,14,25	300·2	299·7	+ 0·3	30	-141
1061	Kupang	10 10	123 34	45	1006·0	1011·1	- 0·3	304·5	306·1	30th	294·1	291·6	29th	299·3	298·6	- 0·1	0	-10
1061a	¢Derby	17 18	123 40	16·2	1013·6	1015·3	+ 0·4	302·8	305·8	6th	288·9	284·6	13th	295·9	..	+ 0·2	0	-12
1062	Hall's Creek	18 13	127 46	373	974·4	1016·8	+ 0·7	299·4	303·2	28th	281·3	276·9	20th	290·3	289·6	- 1·4	0	- 5
1063	Darwin	12 28	130 51	29·6	1009·4	1012·8	+ 0·9	303·3	305·7	1st	292·3	288·9	19th	297·8	296·6	- 1·1	0	- 3
1064	Daly Waters	16 16	133 23	211	990·8	1015·0	+ 0·7	300·6	304·1	27th,28th	284·7	279·7	18th	292·7	292·0	- 1·6	0	- 6
1065	Palmerville	15 56	144 8	210	989·0	1012·8	- 0·1	301·7	304·0	26th	287·4	280·9	19th	294·6	..	- 0·9	11	- 1
1066	Georgetown, Queensland	18 22	143 32	302	980·6	1015·1	0·0	299·7	302·4	30th	283·7	275·2	18th	291·7	..	- 1·6	1	-10
1066a	Willis Island	16 18	149 59	8·5	1011·6	1012·7	- 1·0	298·4	300·3	1st	295·1	292·4	10th	296·8	296·9	- 0·4	320	+234
1067	Samarai	10 37	150 40	6·1	..	1011·3	- 0·7	302·0	..	..	296·5	..	..	299·2	299·0	+ 0·7	405	+130
1072	Suva, Fiji	18 8	178 26	6·1	1013·6	1014·3	+ 0·8	298·9	302·4	25th	293·1	289·1	16th	295·9	295·7	- 0·8	129	-41

BETWEEN LATITUDE 20° S. AND 30° S.

JUNE - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	298·1	299·7	2nd,3rd	289·4	285·8	1st,3rd	293·7	293·5	- 1·3	100	-10
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1011·1	1013·9	- 3·7	290·4	293·2	6th	284·1	282·6	sev.dates	287·3	287·0	+ 1·7	27	-13
1122	¢Antofagasta	23 42	70 24	94	1003·4	1014·6	- 3·1	292·0	296·0	18th,19th	284·8	283·0	sev.dates	288·4	287·9	+ 0·5	0	- 3
1123	Catamarca	28 29	65 47	528	950·8	1011·2	- 4·5	297·6	302·0	20th	283·9	279·2	15th	290·8	290·0	+ 5·6	1	- 3
1124	Salta	24 46	65 24	1182	880·0	1009·4	- 2·4	298·4	305·9	13th	282·4	275·5	25th	290·4	289·6	+ 5·2	2	- 1
1125	Goya	29 9	59 15	37	1008·0	1012·3	- 4·9	..	..	..	289·8	282·2	15th	..	293·8	+ 7·1	18	-22
1126	¢Asuncion	25 17	57 41	93	1003·5	1014·2	- 2·5	302·2	305·8	22nd	292·3	287·8	16th	297·2	296·6	+ 6·6	19	-54
1127	Curityba	25 25	49 17	908	916·3	1018·8	- 0·4	295·6	298·4	24th	280·9	276·1	17th,27th	288·2	287·5	+ 2·3	16	-85
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1015·4	1017·5	- 1·5	299·4	303·4	10th	292·3	291·0	5,7,24	295·8	295·6	+ 2·1	3	-54
1139	Windhoek	22 34	E. 17 6	1727	833·7	1021·5	..	291·6	293·8	3rd	278·1	273·4	1st	284·9	284·1	- 1·3	0	- 1
1140	O'Okiep	29 36	17 52	933	915·8	1022·1	+ 1·5	291·6	295·8	28th	281·9	276·3	1st	286·8	286·0	+ 2·1	42	+13
1141	¢Kimberley	28 44	24 46	1218	887·0	1025·0	+ 1·3	291·6	294·2	12th	277·2	274·6	27th	284·4	283·7	+ 1·2	1	- 4
1141a	Johannesburg	26 11	28 4	1806	827·6	1025·0	+ 0·5	287·9	290·7	19th	277·2	273·4	14th	282·5	282·0	- 0·9	0	- 4
1142	Bulawayo	20 9	28 35	1349	873·2	1023·7	+ 0·1	292·4	298·0	1st	278·4	274·6	17th	285·4	284·7	- 1·7	3	+ 2
1143	Durban	29 52	31 3	15·2	1022·2	1024·0	+ 1·2	294·6	297·2	12th	286·2	282·4	15th	290·4	289·9	- 0·3	49	+20
1144	Lourenço Marques	25 58	32 36	59·5	..	1023·3	+ 1·9	296·3	300·3	12th	285·4	282·7	19th	290·8	290·3	- 1·0	5	- 9
1147	Mauritius	20 6	57 33	55·2	1010·7	1017·2	- 1·8	297·3	298·9	15th	290·1	286·5	18th	293·7	293·3	- 0·3	95	+24

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

JUNE - ZONE 11 (AUSTRÁLIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	♯Onslow	21 43 S.	114 57 E.	4·3	1013·0	1013·5	- 1·9	298·6	302·9	9th	287·6	283·6	12th	293·1	..	+ 1·2	41	
1160	♯Cue	27 27	117 52	454	963·7	1015·8	- 2·3	294·3	299·5	5th	284·7	280·2	28th	289·5	..	+ 2·9	16	
1161	Nullagine	21 53	120 5	386	..	..	..	299·1	303·6	7th,8th	281·7	276·9	12th	290·4	..	+ 1·1	0	
1162	Laverton	28 40	122 23	466	964·1	1017·8	- 1·9	294·4	299·6	7th	283·2	278·1	17th	288·8	288·7	+ 3·5	10	
1163	Alice Springs	23 38	133 37	587	951·8	1019·3	+ 0·7	293·7	300·2	29th	278·9	270·8	19th	286·3	286·0	+ 0·9	0	
1164	William Creek	28 55	136 21	76·2	1013·7	1022·8	+ 3·2	291·8	298·2	27th	279·2	274·6	19th	285·5	285·2	+ 0·2	3	
1164a	Boulia	22 55	139 38	146	1000·3	1017·5	+ 1·0	296·0	299·4	26th	281·0	276·4	21st	288·5	288·2	- 0·6	0	
1165	Thargomindah	27 58	143 43	123	1005·4	1020·1	+ 1·7	290·7	295·1	26,27,28	281·7	275·8	9th	286·2	285·9	- 0·1	8	
1166	Mitchell	26 32	147 52	336	980·4	1020·3	+ 0·9	290·1	294·1	23rd	280·0	271·1	10th	285·0	..	+ 0·1	47	
1167	Rockhampton	23 24	150 30	11·3	1015·8	1017·0	- 0·7	294·6	298·2	7th	286·0	280·3	5th	290·3	289·7	- 0·6	266	
1168	Brisbane	27 28	153 2	41·8	1014·6	1019·1	+ 0·9	292·9	296·4	1st	285·3	277·8	9th	289·1	288·5	+ 0·4	193	
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1019·7	1021·5	+ 4·3	292·4	294·7	9,18,19	288·7	284·4	16th	290·6	290·3	+ 0·5	56	

JUNE - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37 S.	78 52 W.	6	1013·5	1014·2	- 2·8	290·7	293·5	4th	285·6	282·4	10th	288·1	288·1	+ 1·2	113	
1221a	Punta Tumbes	36 37	73 6	120	998·2	1012·7	- 3·6	287·6	288·8	25th	282·8	278·4	26th	285·2	285·0	+ 1·7	260	
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1010·8	1015·7	- 1·8	291·0	295·9	16th	282·9	280·8	27th	286·9	285·8	+ 1·8	109	
1222a	Santiago	33 27	70 42	520	955·8	1017·1	- 1·2	288·5	293·7	1st	279·3	275·5	15th	283·9	283·2	+ 2·0	90	
1223	Cordoba	31 25	64 12	423	962·4	1011·6	- 5·5	293·7	300·3	9th	282·8	276·0	15th	288·3	287·7	+ 4·9	15	
1224	Bahia Blanca	38 45	62 16	28·7	1008·1	1011·6	- 4·5	288·4	293·6	7th	279·1	271·8	22nd	283·8	283·7	+ 2·3	28	
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1010·5	1013·5	- 4·8	290·2	294·5	6th	282·5	276·0	24th	286·4	286·6	+ 3·8	88	
1226	♯Montevideo (Prado)	34 52	56 12	24·9	1010·6	1013·9	- 3·1	290·3	296·9	13th	281·8	274·0	24th	286·1	286·0	+ 2·3	173	
1226a	Porto Alegre	30 2 W.	51 13	23·5	1012·9	1015·7	- 3·5	296·3	304·4	13th	287·1	280·8	17th	291·7	291·2	+ 4·5	186	
1239	Cape Town	33 56 E.	18 29	12·2	1021·2	1022·7	+ 2·9	292·5	301·3	29th	281·9	275·1	14th	287·2	286·0	+ 1·0	15	
1240	Danger Point	34 37	19 18	27·7	..	..	..	289·3	291·9	24,25,29	283·2	279·1	13th	286·3	..	- 0·2	39	
1241	Riversdale	34 6	21 16	61·0	..	..	..	293·8	298·6	5th	277·4	273·6	15th	285·6	..	- 0·1	33	
1242	East London	33 1	27 54	45·4	1017·9	1023·4	+ 1·8	292·8	299·7	15th,16th	283·0	279·6	14th	287·9	..	- 0·9	52	
1259	Perth (Observatory)	31 57	115 51	60·0	1006·5	1013·5	- 4·4	292·1	294·9	18th	285·2	281·9	13th	288·7	288·8	+ 1·9	288	
1260	♯Katanning	33 42	117 35	310	977·3	1014·0	- 3·0	289·1	293·1	7th	282·4	275·8	13th	285·8	..	+ 2·0	146	
1261	♯Coolgardie	30 57	121 10	423	968·0	1017·2	- 1·5	291·7	299·3	10th	281·4	276·1	17th	286·6	286·5	+ 2·0	35	
1262	Eucla	31 45	128 58	4·6	1019·0	1019·6	+ 1·1	292·4	296·9	25th	282·1	276·9	29th	287·3	287·0	+ 1·0	9	
1263	Streaky Bay	32 48	134 13	13·1	1022·0	1023·4	+ 4·4	290·2	294·2	29th	280·3	275·7	19th	285·3	285·0	- 0·4	4	
1264	Adelaide	34 56	138 35	42·7	1019·7	1024·9	+ 5·8	289·9	294·2	28th	280·3	275·7	19th	285·1	285·0	+ 0·2	28	
1265	Melbourne	37 49	144 58	35·1	1020·9	1025·2	+ 6·7	287·6	293·0	28th	279·2	274·1	23rd	283·4	283·0	+ 0·2	48	
1266	Bourke	30 13	145 58	110	1009·7	1023·1	+ 1·8	289·6	293·6	13th	280·2	273·6	9th	284·9	..	- 0·3	80	
1267	Sydney	33 51	151 13	42·1	1016·4	1021·4	+ 3·7	289·5	293·4	6th	283·7	278·1	8th	286·6	286·1	+ 1·0	300	
1268	Lord Howe Island	31 20	159 0	4·9	1019·3	1019·8	+ 2·6	292·5	294·5	2nd	287·8	284·0	23rd	290·2	..	+ 0·6	231	
1271	Auckland	36 51	174 48	13·4	..	1020·2	+ 5·7	287·6	289·9	19th	281·0	275·7	29th	284·3	..	- 0·6	109	
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	286·4	293·4	8th	277·4	271·4	18th	281·9	..	- 0·6	51	

JUNE - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 52 S.	176 42 W.	45·7	..	1009·9	+ 0·6	..	..	..	..	..	..	..	..	..	114	
1321	Isla Guafo	43 34	74 45	140	989·5	1006·4	- 6·1	282·3	285·7	5th	278·6	276·0	30th	280·5	280·6	- 0·2	202	
1322	♯Punta Galera	40 1	73 44	40	1004·6	1013·4	- 1·2	..	..	..	281·9	274·3	23rd	..	‡284·6	..	414	
1323	Sarmiento	45 33	69 1	272	972·7	1005·9	- 5·5	279·3	285·4	8th	272·1	265·2	3rd,4th	275·7	275·7	- 0·6	39	
1324	Puerto Madryn	42 46	W. 65 2	14	1006·1	1007·8	- 4·5	285·6	290·8	7th	273·3	267·4	21st,22nd	279·4	280·8	+ 0·4	11	
1365	Launceston	41 27	E.147 10	81·1	1015·0	1025·0	+ 9·6	285·5	289·9	28th	275·4	269·7	22nd	280·4	279·9	- 0·3	13	
1366	Hobart	42 53	147 20	53·9	1017·3	1024·0	+ 9·8	284·2	290·0	12th	277·4	272·8	25th	280·8	280·3	- 0·5	30	
1369	Invercargill	46 25	168 21	3·7	..	..	..	282·2	284·1	sev.dates	275·7	269·1	5th	278·9	..	0·0	125	
1370	Alexandra	45 15	169 24	159	..	..	..	281·0	288·6	30th	270·9	266·1	16th	275·9	275·6	..	6	
1371	Dunedin	45 52	170 31	6·1	..	1014·7	+ 1·3	283·2	288·6	30th	275·9	272·5	4th	279·6	..	0·0	42	
1371a	Christchurch	43 32	172 39	7·6	..	1016·0	+ 3·5	283·3	289·6	21st	273·1	268·9	5th	278·2	..	- 1·2	33	
1372	Wellington	41 16 S.	174 46 E.	128	..	1017·2	+ 2·8	284·4	288·1	21st	278·3	274·7	26th	281·3	281·2	- 1·4	72	

JUNE - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

1421	♯Islota de los Evangelistas	52 24 S.	75 6 W.	55	992·6	999·4	- 3·0	278·5	281·0	1st	274·3	265·8	19th	276·4	276·5	- 1·0	92	
1422	Magallanes (Punta Arenas)	53 10	70 54	28	995·2	998·7	- 4·3	276·0	278·8	28th	271·9	267·0	19th	273·9	274·1	- 1·6	48	
1423	Punta Dungeness	52 24	68 26	5	996·8	997·4	- 4·7	277·2	279·2	sev.dates	273·2	268·5	26th	275·2	275·3	- 1·1	36	
1424	Santa Cruz	50 1	68 31	13	999·7	1001·3	- 4·1	275·4	278·0	7th	270·2	265·5	4th	272·8	272·7	- 2·2	40	
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	996·8	- 6·7	275·8	278·6	1st	269·6	266·9	17,25,26	272·7	..	- 2·5	60	
1426	Cape Pembroke	51 41	57 42	21·3	992·9	995·5	- 7·2	276·6	279·7	1st	271·5	269·1	25th	274·1	274·3	- 1·8	..	
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	986·9	987·4	-10·9	271·8	277·2	30th	267·2	261·8	8th	269·5	269·5	- 1·9	146	

JUNE - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	60 43 ° ′	44 47 ° ′	7 metres	989·0 mb.	989·9 mb.	- 6·6 mb.	259·2 °A.	272·0 °A.	20th	250·4 °A.	239·8 °A.	26th	254·8 °A.	254·9 °A.	- 8·4 °A.	15 mm.	

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, JULY 1930

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JULY, 1930 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

JULY - ZONE 1.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 58	178 33	6·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1011·5	- 0·7	283·8	293·6	26th	274·9	270·8	24th	279·4	..	+ 1·6	58	+29
125	Upernivik	72 47	56 7	19·2	1009·2	1011·5	0·0	283·2	290·9	23rd	276·6	270·9	2nd	279·9	279·9	+ 1·9	10	-13
131	Myggbukta	73 30	21 30	3·2	..	1018·3	..	..	285·0	14th	..	270·2	3rd	..	276·1	..	15	..
132	Scoresbysund	70 29	21 58	16·9	?1009·1	?1011·2	..	?280·0	?285·1	14th	?272·9	..	..	?276·5	?276·4	..	..	..
135	Jan Mayen	70 59	W. 8 18	23·1	1010·6	1013·4	+ 3·8	..	282·4	9th	277·6	275·1	28th	..	279·0	+ 0·6	21	- 2
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1012·5	1013·8	+ 1·3	..	288·3	9th	278·4	275·4	1st	..	280·4	+ 2·0	19	+ 3
140	Björnöen	74 28	19 17	29·2	1010·0	1013·7	+ 3·5	..	291·5	8th	276·0	272·8	13th	..	278·2	+ 0·4	21	+ 2
141	Ingöy	71 4	24 6	4·3	1010·5	1011·0	+ 0·7	..	295·3	9th	281·5	278·0	23rd	..	283·9	+ 0·7	43	+10
142	Sletnes	71 5	28 14	10·2	1011·3	1012·5	+ 0·4	..	296·8	3rd	280·2	276·8	27th	..	282·7	..	45	..
143	Vardö	70 22	31 5	11·8	1011·6	1013·0	+ 0·9	..	297·2	4th	280·6	278·1	23rd	..	282·7	+ 1·0	12	-33
147	Malye Karmakouly	72 23	52 43	15·3	1011·6	1013·4	+ 0·4	..	..	..	..	..	..	..	279·6	+ 0·5	18	- 9
148	Waigatz	70 24	58 47	11·2	1010·3	1011·7	+ 1·3	..	..	..	..	..	..	..	276·5	- 1·5	12	-18
153	Dickson	73 31	80 23	13·0	1011·1	1012·7	+ 3·1	..	..	..	..	..	..	..	278·9	+ 1·8	4	-24
162	Bouloune	70 45 N.	127 47 E.	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N.

JULY - ZONE 2.

201	Preobrajenye	64 52	175 18	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	283·4	289·1	19th	278·4	275·2	1st	280·9	..	..	32	..
203	♯Nome	64 30	165 24	6·7	1010·1	1010·8	- 0·4	284·0	288·6	14th	278·8	271·9	19th	281·4	281·6	- 1·7	124	+51
204	Bethel	60 45	161 47	11·5	..	1013·5	..	286·9	293·0	18th	280·2	275·2	20th	283·6	..	- 1·8	67	- 1
205	♯Tanana	65 10	152 6	69·5	1005·8	1013·5	+ 1·2	293·9	298·6	26th	281·3	271·9	17th	287·6	288·1	- 0·1	64	+ 3
206	Rampart	65 30	150 15	114	..	..	..	294·7	299·7	26th	279·6	272·4	18th	287·1	..	- 1·6	26	-10
207	Valdez	61 7	146 16	122	..	..	..	287·8	296·9	8th	281·1	278·0	2nd	284·5	..	..	147	..
208	♯Eagle	64 46	141 12	248	982·5	1012·5	+ 1·0	296·6	301·3	9th,12th	281·9	275·2	17th	289·2	289·8	+ 1·1	30	-15
209	Dawson	64 4	139 29	324	973·8	1011·5	..	296·9	302·4	9th	282·1	277·4	17th	289·5	289·3	+ 1·3	14	-25
210	Aklavik	68 14	134 50	7·6	1009·7	1010·6	..	294·3	302·4	9th,10th	284·0	278·6	18th	289·1	289·1	..	21	..
211	♯Fort Good Hope	66 15	128 38	65·2	1006·2	1013·9	..	297·4	303·0	11th,12th	284·1	279·7	9th	290·7	..	+ 2·4	24	+ 3
212	Fort Simpson	61 52	121 35	129	994·1	1009·3	..	297·6	305·2	16th	284·2	278·6	1st	290·9	290·4	+ 1·5	84	+39
213	Hay River	60 51	115 57	161	989·8	1008·8	..	295·0	304·7	13th	281·6	278·0	5th,19th	288·3	288·4	0·0	33	- 1
225	Jacobshavn	69 13	51 2	31·6	1004·7	1008·6	- 2·4	283·9	292·3	22nd	278·5	275·1	7th	281·2	281·5	+ 0·8	34	+ 3
226	Godthaab	64 10	51 43	20	..	..	..	284·7	293·4	22nd	278·0	273·8	7th	281·3	280·5	+ 0·9	101	+42
227	Ivigtut	61 12	48 10	30·0	1008·2	1011·9	+ 1·6	285·9	292·9	21st	279·0	275·7	8th	282·5	282·4	- 0·5	69	-14
229	Angmagsalik	65 36	37 33	29·3	1008·0	1011·6	+ 0·6	285·1	292·0	16th	275·7	271·3	1st	280·4	280·1	+ 0·3	6	-45
231	Stykkisholm	65 5	22 46	25	..	1008·6	- 1·7	287·7	291·3	27th	280·3	276·4	9th	284·0	283·3	+ 0·6	36	- 2
232	Vestmanno	63 24	20 17	132	..	1009·6	- 0·4	284·9	287·8	1st	280·9	279·3	22nd,23rd	282·9	282·6	- 0·4	86	+ 7
233	Grimsey	66 33	18 1	22	..	1009·5	- 1·3	283·2	285·9	12th	..	..	..	..	280·7	+ 0·5	17	-11
234	Teigarhorn	64 41	14 22	18	..	1009·8	- 0·8	287·2	293·0	15th	280·5	278·2	31st	283·9	283·1	+ 1·3	109	+43
235	Höjvik	62 3	6 45	22·9	1007·1	1009·9	- 1·7	286·7	290·3	2nd	281·6	279·0	22nd	284·1	283·8	+ 0·5	51	-30
236	Lerwick	60 8	W. 1 11	18·0	..	1008·1	- 3·1	287·8	291·9	3rd	283·8	281·9	11,25,31	285·8	285·7	+ 1·3	64	+ 6
237	Bergen (Fredriksberg)	60 24	E. 5 19	44·4	1001·8	1007·1	- 4·2	293·7	299·2	2nd	286·5	282·3	9th	290·1	289·4	+ 2·3	62	-56
238	Aalesund	62 28	6 10	6·3	1007·0	1007·8	- 3·3	..	294·3	3rd	286·6	283·6	10th	..	288·5	+ 2·6	50	-32
239	Trondheim	63 26	10 25	59·2	1000·8	1007·8	- 3·7	294·8	301·6	3rd	284·9	280·8	10th	289·9	289·8	+ 2·8	37	-21
240	Bodö	67 17	14 26	17·0	1007·4	1009·4	- 2·0	..	297·6	20th	284·8	279·5	28th	..	288·7	+ 3·2	33	-32
241	Haparanda	65 50	24 9	9·2	1008·0	1009·1	- 1·2	296·6	303·0	8th	284·4	279·0	26th,27th	290·5	290·8	+ 2·7	6	-40
242	Helsingfors	60 10	24 57	11·7	1004·4	1005·8	- 5·0	296·0	301·5	2nd	287·7	284·4	13th	291·9	291·6	+ 2·0	84	+27
242a	Kuopio	62 55	27 40	233	980·6	1007·8	- 2·5	295·0	299·0	9th	285·3	281·0	12th	290·1	290·1	+ 0·6	15	-51
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Arkhengelsk	64 34	40 31	6·3	1008·6	1009·4	- 1·2	..	..	..	..	..	..	..	..	..	..	..
246	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	287·9	- 0·8	8	-52
247	Oust-Tsylma	65 25	52 18	? 68	999·8	1008·0	- 2·4	..	..	..	..	..	..	..	..	..	..	..
248	Toherdyn	60 24	56 31	?208	..	..	..	..	..	..	..	..	..	..	284·8	- 2·2	91	+22
249	Berezov	63 56	65 4	46	1002·4	1007·9	- 1·6	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	287·9	- 0·8	38	-22
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	1000·6	1006·3	- 0·8	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	289·5	- 0·6	70	+ 4
254	Touroukhansk	65 47	87 57	45·0	998·0	1003·3	- 2·2	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	288·4	- 0·4	58	+ 8
262	Iakoutsk	62 1	129 43	108	993·5	1006·0	+ 1·0	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk	67 33	133 24	100	989·2	1001·0	- 3·5	..	..	..	..	..	..	..	292·3	+ 0·5	21	-19
264	Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	287·7	- 0·8	18	- 8
268	Naiakhan	61 55	138 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45 N.	177 33 E.	17·2	1002·4	1004·5	- 6·6	..	..	..	..	..	..	..	283·8	- 0·2	76	+42

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	∮St. Paul Island	57 15	170 10	28·0	..	1012·8	+ 0·4	281·4	284·1	24th	277·8	274·7	1st	279·6	..	- 0·8	48	-26
303	∮Dutch Harbor (Radio)	53 55	166 30	4·0	1017·0	1017·6	+ 3·2	287·8	293·6	22nd	280·0	275·2	10th	283·9	‡283·8	+ 0·2	41	-17
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	Dillingham	59 0	158 28	24·4	..	..	..	291·6	299·1	7th,21st	279·3	270·2	2nd	285·4	..	- 0·8	112	+58
306	∮Kodiak (Radio)	57 47	152 22	4·6	1014·5	1015·2	+ 0·8	288·3	291·9	4th,8th	281·4	277·4	1,2,3	284·9	‡284·4	- 0·4	70	-15
309	Sitka	57 3	135 19	19·8	..	..	..	288·8	294·1	29th	282·0	278·6	29th	285·4	..	- 0·3	70	+30
310	Prince Rupert	54 18	130 18	51·8	1013·5	1019·8	+ 1·4	290·3	296·3	28th,29th	282·6	279·7	1,3,8	286·4	286·3	+ 0·2	139	+71
311	Prince George	53 50	122 48	570	949·2	1015·0	..	297·3	306·9	11th,12th	279·8	271·9	2nd	288·5	288·1	+ 0·3	37	-13
312	Kamloops	50 41	120 29	385	971·7	1015·8	- 0·5	301·5	310·2	12th,13th	287·4	280·2	26th	294·5	294·5	+ 0·4	13	-30
313	Calgary	51 2	114 2	1058	895·7	1012·9	+ 1·7	298·2	307·4	14th	281·9	276·9	4th	290·1	289·7	+ 0·9	37	-21
314	Fort Smith	60 0	111 52	183	982·4	1003·8	..	298·2	306·3	1st	282·2	274·1	28th	290·2	290·0	+ 1·7	83	+26
315	∮Prince Albert	53 10	105 38	437	961·6	1011·7	- 0·1	298·3	304·7	14th	285·2	281·3	13,21,29	291·8	292·6	+ 1·7	45	-24
316	Qu'Appelle	50 30	103 47	651	938·5	1012·1	0·0	298·7	309·7	31st	284·7	278·6	30th	291·7	291·8	+ 1·2	23	-36
317	∮Minnedosa	50 15	99 50	515	953·1	1011·7	- 0·4	299·1	304·7	15th,25th	285·3	278·6	13th,31st	292·2	292·2	+ 1·5	59	-10
318	∮Berens River	52 18	97 23	216	..	..	..	299·1	307·4	8th	284·9	278·0	25th	292·0	..	+ 0·7	47	-23
319	Pagwa	50 3	85 18	189	..	..	..	296·7	303·0	8th,27th	282·2	272·4	2nd	289·4	..	- 0·3	28	-36
320	Moose Factory	51 14	80 30	9·1	1006·6	1007·7	..	293·9	302·4	26th	280·8	273·6	3rd	287·3	286·9	- 2·0	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	291·7	298·0	27th	281·5	275·8	3rd	286·6	..	- 2·2	197	+52
323	Natashquan	50 8	61 48	6·1	..	..	..	293·8	299·1	26th	283·3	277·4	8th,23rd	288·5	..	+ 1·6	105	+20
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††59 32	††17 21	§(55)	..	..	..	..	..	Sea Temp. 284·3|-0·5	..	..	..	..	284·7	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1011·0	1012·6	- 2·9	289·3	291·1	2nd,7th	285·2	282·0	31st	287·3	287·2	- 0·7	103	+40
335	Aberdeen	57 10	W. 2 6	26·0	1005·6	1008·7	- 3·8	289·5	295·4	2nd	283·7	280·1	13th,25th	286·6	286·6	+ 0·2	47	-12
336	Greenwich	51 28	0 0	46·3	..	1011·1	- 4·5	295·2	301·9	6th	284·9	281·3	18th	290·1	289·4	- 0·4	46	-13
337	Uccle	50 48	E. 4 22	100	999·3	1011·2	- 4·7	295·4	304·1	1st	285·2	280·8	11th	290·3	288·7	0·0	176	+101
338	De Bilt	52 6	5 11	3·0	1009·6	1010·0	- 5·3	294·2	303·7	2nd	285·7	282·0	13th	289·9	289·2	- 0·6	192	+117
338a	Hamburg	53 33	9 58	40·3	1004·4	1009·1	- 5·1	294·6	305·5	3rd	286·4	281·0	12th	290·5	289·9	- 0·3	77	-1
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1007·1	1007·7	- 5·2	293·6	300·1	3rd	286·0	280·8	12th	289·8	289·8	+ 1·4	89	-12
340	Potsdam	52 23	13 4	84·9	999·5	1009·5	- 4·9	295·4	306·7	5th	285·8	282·7	11th	290·6	290·2	- 0·5	168	+67
340a	Uppsala	59 51	17 38	24	1003·1	1005·9	- 4·7	296·5	302·6	2nd	284·3	280·9	23rd	290·4	290·7	+ 1·1	93	-10
341	Warsaw	52 13	21 3	88·3	997·8	1008·2	- 5·9	296·8	303·5	18th	286·3	282·5	11th	291·5	291·0	..	109	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	995·3	1004·8	- 6·2	295·1	299·2	2nd	285·7	281·0	23rd	290·4	290·2	+ 0·2	127	+36
343	Leningrad	59 56	30 16	4·8	1004·3	1004·9	- 5·7	..	..	..	..	..	..	..	292·2	+ 0·8	56	-15
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	984·6	1003·7	- 6·9	..	..	..	..	..	..	..	..	..	..	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	289·9	- 1·1	152	+53
346	Kazan	55 47	49 8	80·6	996·0	1005·3	- 5·1	297·6	304·8	27th	288·3	284·2	3rd	292·9	292·6	- 0·3	64	-36
347	Orenburg	51 45	55 6	109	994·3	1006·9	- 2·8	..	..	..	..	..	..	..	294·8	- 0·1	79	-21
348	Perm	58 1	56 16	163	987·5	1006·5	- 2·9	..	..	..	..	..	..	..	290·8	- 0·1	64	-36
349	Sverdlovsk	56 50	60 38	281	973·9	1006·5	- 1·5	..	..	..	..	..	..	..	289·7	- 0·3	81	-19
350	Tobolsk	58 12	68 14	108	994·8	1007·5	- 0·9	..	..	..	..	..	..	..	290·0	- 1·1	93	-7
351	Akmolinsk	51 12	71 23	347	966·2	1005·8	- 2·3	..	..	..	..	..	..	..	291·1	- 1·3	55	-45
352	Omsk	55 1	73 19	108	994·2	1006·8	- 1·0	..	..	..	..	..	..	..	293·0	- 0·2	52	-48
353	Barnaoul	53 20	83 47	158	987·9	1006·2	+ 0·5	..	..	..	..	..	..	..	292·8	- 0·5	96	-4
354	Tomsk	56 30	84 58	123	991·2	1005·5	- 1·6	..	..	..	..	..	..	..	289·9	- 0·9	85	-15
355	Minousinsk	53 43	91 41	249	977·6	1006·3	- 0·2	..	..	..	..	..	..	..	292·0	- 1·3	125	+25
356	Eniseisk	58 27	92 10	81·2	995·4	1004·9	- 1·2	..	..	..	..	..	..	..	289·9	- 2·0	81	-19
357	Irkutsk	52 16	104 19	467	952·2	1005·5	- 1·0	..	..	..	..	..	..	..	290·5	+ 0·2	90	-10
358	Kirensk	57 47	108 7	278	973·2	1005·2	- 0·7	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	685	927·1	1003·7	0·0	..	..	..	..	..	..	..	291·8	+ 0·2	108	+8
360	Nertchinskii Zavod	51 19	119 37	621	934·2	1003·7	- 0·6	..	..	..	..	..	..	..	292·3	+ 0·4	98	-2
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	987·9	1004·1	- 1·4	..	..	..	..	..	..	..	295·3	+ 1·0	49	-51
364	Chanter Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1000·2	1005·2	- 1·9	..	..	..	..	..	..	..	288·8	- 0·6	148	+48
366	Okhotsk	59 21	143 17	5·5	1006·3	1007·0	- 2·3	..	..	..	..	..	..	..	285·5	+ 0·9	12	-88
368	Petropevlovsk (Phare)	52 53	158 43	87·1	995·9	1006·4	- 3·5	..	..	..	..	..	..	..	..	..	..	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	283·1	- 0·3	101	-39
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1009·7	1018·1	+ 1·1	292·4	303·6	12th	283·8	281·9	2nd,3rd	288·1	287·7	- 0·5	1	-10
412	Portland, Oregon	45 32	122 41	46·6	1013·2	1018·6	+ 1·4	298·3	306·3	11th	286·2	283·0	25th	292·2	292·1	0·0	0	-15
413	Macleod	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
414	Helena	49 44	113 24	953	..	..	..	301·3	310·8	15th	283·4	276·9	27th	292·4	292·8	+ 1·2	48	- 3
414a	Salt Lake City	40 46	111 54	1329	875·2	1013·9	+ 0·4	302·1	308·6	8th	286·7	282·4	27th	294·4	294·0	+ 1·5	18	-11
415	Cheyenne	41 8	104 48	1856	867·9	1012·2	+ 0·7	305·7	310·8	5th	292·7	288·6	11th	299·2	299·3	+ 1·4	21	+ 8
416	North Platte	41 8	100 45	860	917·2	1013·9	- 0·2	306·1	311·9	7th	291·2	285·8	1st	298·6	298·5	+ 2·2	15	-56
416a	Bismarck	46 47	100 38	510	953·4	1012·2	- 1·3	304·7	311·9	10th	288·8	282·4	30th	296·8	297·0	+ 2·7	48	- 9
417	Winnipeg	49 53	97 7	232	986·3	1013·1	..	300·7	307·4	15th	288·4	283·6	1st	294·6	294·3	+ 2·5	133	+54
418	Duluth	46 47	92 6	345	973·7	1014·2	0·0	298·2	306·3	26th	286·2	280·8	14th	292·2	292·1	+ 1·3	40	-56
419	∮Fort Arthur	48 27	89 12	196	990·5	1013·4	- 0·3	296·6	303·6	9th	285·3	280·8	1st,14th	290·9	290·9	+ 0·9	91	-13
420	Chicago	41 47	87 35	205	991·3	1015·6	+ 0·3	301·4	311·3	19th	291·5	285·2	2nd	296·4	295·9	+ 0·1	67	-19
421	Toronto	43 40	79 24	116	1000·0	1013·5	- 1·1	300·2	306·3	19th	288·1	283·0	4th	294·1	293·9	+ 0·5	79	+ 7
422	∮New York (Central Park)	40 47	73 58	47·4	1007·7	1013·2	+ 3·2	302·6	311·9	21st	292·8	286·9	15th	297·7	297·4	+ 0·5	168	+53
424	∮St. John, N.B.	45 17	66 4	36·3	1007·4	1011·7	..	294·7	300·2	21st	286·2	283·6	17th	290·4	289·9	+ 1·3	136	+44
424a	S.W. Point, Anticosti	49 24	63 33	9·1	1008·0	1009·1	..	290·6	293·6	19th	285·6	283·0	4,5,16	288·1	288·2	+ 1·4	65	-16
425	Sable Island (Main Station)	43 57	60 6	7·6	1013·2	1014·1	..	292·1	295·2	10th,24th	287·6	284·1	1st	289·8	289·6	+ 1·9	135	+42
426	Fort aux Basques	47 35	59 10	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	939·4	1014·3	- 0·4	300·4	307·0	28th	288·3	282·9	24th	294·4	293·5	- 1·8	9	+ 1
436	Nantes	47 15	W. 1 34	36·5	1010·1	1014·4	- 3·5	294·3	297·8	9th	286·1	282·0	23rd	290·2	289·8	- 1·4	69	+13
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1007·6	1013·6	- 3·4	294·8	301·3	4th	286·2	281·7	23rd	290·5	290·5	- 0·6	98	+46
438	Marseille	43 18	5 23	75	..	1012·4	- 2·7	300·8	304·5	5th	290·0	286·4	14th	295·4	294·6	- 0·5	18	+ 1
438a	Zürich	47 23	8 33	493	957·4	1014·1	- 2·7	296·4	306·1	5th	285·3	280·3	14th	290·8	289·8	- 1·3	251	+121
440	Rome	41 54	12 29	45·5	1007·7	1013·1	- 1·8	304·2	308·5	8th	292·5	289·1	22nd	298·4	298·3	+ 1·0	2	-15
440a	Vienna	48 15	16 22	203	987·8	1011·3	- 3·7	297·3	304·8	5th	287·7	284·7	13th	292·5	292·3	- 0·8	40	-39
441	Budapest	47 31	19 1	130	996·0	1011·1	- 2·8	301·3	307·5	4th	289·0	283·4	13th	295·1	294·6	+ 0·4	43	-12
442	Sofia	42 42	23 20	550	949·4	1011·2	- 2·6	300·4	305·6	31st	288·0	283·9	15th	294·2	294·6	+ 1·0	71	- 1
	Bucharest	44 25	26 6	82	1001·2	1010·7	- 1·9	303·2	309·8	31st	289·6	286·7	20th	296·4	296·3	+ 0·6	81	+13
443	Odessa (Observatory)	46 26	30 46	42·8	1005·5	1010·4	- 2·0	299·3	303·7	26th	289·7	285·7	9th	294·5	294·4	- 1·2	41	- 8
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1005·4	1009·7	- 1·2	..	..	..	..	..	..	..	296·6	+ 0·2	66	0
445	Tiflis	41 43	44 48	404	962·4	1007·5	- 2·3	304·4	310·1	27th	293·3	288·0	8th	298·8	298·6	+ 1·4	40	- 9
446	Astrakhan	46 21	48 2	-20	1011·0	1008·7	- 1·9	..	..	..	..	..	..	..	298·4	+ 0·9	9	- 4
447	Fort Alexandrovsk	44 31	50 7	-23·0	1009·5	1006·9	- 2·8	..	..	..	..	..	..	..	298·4	- 0·5	7	- 8
448	Krasnovodsk	40 0	52 59	-4·6	1007·2	1006·7	- 1·3	..	..	..	..	..	..	..	301·1	- 0·4	0	- 5
449	Kasalinsk	45 46	62 8	66·7	..	..	..	..	..	..	..	..	..	..	300·5	+ 2·1	4	- 3
450	Tashkent	41 20	69 18	479	949·0	1001·4	- 2·4	309·8	313·8	8th	291·8	287·1	29th	300·8	301·0	+ 1·3	0	- 4
451	Andijan	40 47	72 23	503	946·2	1000·9	..	309·8	313·4	8th,9th	296·0	292·8	15th,29th	302·9	301·9	..	0	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	297·3	..	8	..
461	Moukden	41 46	123 24	44·3	997·6	1002·6	- 2·0	303·2	307·3	31st	293·8	291·2	2nd	298·5	298·1	+ 0·4	277	+115
462	Joshin	40 40	129 12	31·9	1003·0	1006·7	- 0·7	297·3	304·0	3rd	291·0	288·2	19th	294·1	293·6	+ 0·3	190	+76
463	Yuki	42 20	130 24	63·8	999·8	1007·2	- 0·4	296·1	307·1	3rd	289·8	286·1	6th	292·9	292·6	0·0	202	+88
464	Vladivostok	43 7	131 54	128	992·0	1006·9	- 1·3	..	..	..	..	..	..	..	292·1	+ 0·5	94	+17
465	Ochiai	47 20	142 47	27·4	1003·7	1006·9	- 2·2	297·9	307·5	27th	286·0	280·2	7th	291·9	291·8	+ 3·6	5	-96
466	Nemuro	43 20	145 35	26·7	1006·5	1009·7	- 0·4	292·1	299·8	24th	284·4	279·7	6th	288·3	287·8	+ 0·7	96	0
466a	Syanna	45 14	147 53	39·3	1004·6	1009·3	- 1·3	291·0	298·7	29th	283·1	275·4	8th	287·1	287·1	+ 0·4	67	- 7
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
∮Change of normals, see Table of Authorities, pages 105-15.

BETWEEN LATITUDE 40° N. AND 30° N.

JULY - ZONE 5 (AMERICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
508	35°-30°N. 145°-140°W.	††31 29	††141 53	§(34)	..	1023·0	- 0·7	..	..	Sea Temp. 294·1|+0·6	..	..	..	..	292·4	- 0·6	..	..
511	San Francisco	37 48	122 26	47·2	1008·9	1014·5	+ 0·3	291·4	301·9	30th	284·2	283·0	12th	287·8	287·5	+ 0·7	0	- 1
512	Sacramento	38 35	121 30	21·0	1009·3	1011·8	+ 0·2	305·4	314·1	14th	286·3	283·0	28th	295·9	296·0	0·0	0	- 1
513	San Diego	32 43	117 10	28·5	1009·6	1012·5	- 0·3	297·3	310·8	30th	290·6	288·0	1st	293·9	293·4	+ 1·6	0	- 2
514	Modena	37 48	113 54	1668	835·4	1011·8	+ 0·4	303·6	307·4	5th	285·4	281·3	12th	294·5	294·1	+ 0·2	15	-22
516	Santa Fé	35 41	105 57	2138	792·5	1013·2	+ 1·3	299·2	303·6	4th	287·2	285·2	22nd	293·2	292·8	0·0	110	+43
517	Denver	39 45	105 0	1613	841·2	1015·2	+ 1·2	302·6	308·6	7th	290·0	285·2	13th	296·3	295·9	+ 1·0	45	0
518	Abilene	32 23	99 40	530	955·0	1014·5	+ 1·0	309·3	313·0	13th	295·8	290·2	16th	302·6	302·0	+ 1·6	12	-38
	Saint Louis	38 38	90 12	173	995·2	1015·2	0·0	307·4	315·2	28th	295·9	286·9	15th	301·7	301·6	+ 2·5	6	-86
519	Mobile	30 41	88 2	17·4	1014·8	1016·9	+ 0·4	306·6	312·4	11th	297·1	293·0	1st	301·8	300·6	+ 1·9	85	-94
520	Nashville	36 10	86 47	166	996·9	1016·2	0·0	308·1	314·1	28th	295·1	288·0	3rd	301·6	301·3	+ 2·5	31	-74
521	Charleston	32 47	79 56	14·6	1014·2	1015·9	- 1·0	306·1	310·2	8th	297·6	294·7	11th	301·8	301·4	+ 1·8	155	-25
522	Washington	38 54	77 3	34·1	1009·8	1013·5	- 1·8	306·1	314·1	20th	293·7	286·3	15th	299·9	299·2	+ 2·2	58	-62
524	Bermuda	32 17	64 46	38·1	1016·7	1022·0	..	301·9	303·6	29th	295·8	293·0	11th	298·9	298·7	- 0·7	59	-56
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
∮Change of normals, see Table of Authorities, pages 105-15.

JULY - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min. B	Temperature: Absolute Min.	Temperature: Date	Temperature: Mean of A and B	Temperature: †24 hr. Mean	Temperature: Diff. from Normal	Precipitation: Total	Precipitation: Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1018·6	1023·4	- 2·4	297·8	301·1	30th	292·8	290·6	13th	295·3	295·2	+ 0·7	88	[illegible]
531	Horta	38 32	28 38	65	1015·3	1023·1	- 1·9	298·1	300·8	22nd,28th	292·2	290·0	15th	295·1	294·6	+ 0·1	55	[illegible]
532	Ponta Delgada	37 44	25 40	22	1019·9	1022·4	- 1·7	296·7	300·0	30th	292·4	290·7	2nd	294·5	294·3	+ 0·4	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	55	[illegible]
533	Madeira (Funchal)	32 38	16 55	25	1018·1	1021·0	+ 0·7	296·8	300·5	29th	292·2	289·6	6th	294·5	294·7	+ 0·5	0	[illegible]
535	Lisbon	38 43	9 9	95	1005·7	1016·8	- 0·4	298·2	305·3	12th	290·8	287·7	24th	294·5	294·1	0·0	8	[illegible]
535a	ØMelilla	35 17	2 59	40	1011·0	1015·7	- 0·4	300·0	307·2	15th	293·4	292·1	6th	296·7	297·2	- 0·9	0	[illegible]
536	Gibraltar	36 6	5 21	27·4	..	1015·5	- 1·5	301·4	304·1	20th	290·8	285·8	25th	296·1	295·1	- 0·7	0	[illegible]
536a	Colomb-Béchar	31 37	W. 2 13	769	924·8	1006·3	- 3·1	314·1	318·0	15th	297·6	292·0	7th	305·9	305·5	+ 1·0	0	[illegible]
537	Palma	39 34	E. 2 39	23	1011·8	1014·5	- 3·5	303·3	308·2	29th	290·7	288·2	20th	297·0	297·1	- 1·2	12	[illegible]
538	Algiers (University)	36 46	3 13	59	1007·6	1014·4	- 1·2	301·4	307·2	21st	294·0	291·0	8th	297·7	297·2	- 0·1	7	[illegible]
538a	Gadames	30 8	9 30	351	..	..	..	316·9	324·4	18th	298·2	294·5	11th	307·5	..	+ 0·8	0	[illegible]
539	Tunis	36 48	10 10	666	1006·1	1013·7	- 2·0	304·4	314·1	17th	293·4	289·4	28th	298·9	298·9	+ 0·5	14	[illegible]
540	Malta	35 54	14 31	71·2	..	1013·3	- 0·9	302·1	306·9	1st	295·3	293·0	28th	298·7	297·9	0·0	1	[illegible]
541	Athens	37 58	23 43	107	998·1	1010·2	- 1·1	306·2	309·9	25th	295·6	292·3	3rd	300·9	300·7	+ 0·8	7	[illegible]
542	Alexandria	31 12	29 53	32·0	1005·2	1008·8	- 0·8	303·3	309·4	15th	296·5	294·7	20th	299·9	299·4	+ 0·7	0	[illegible]
543	Ankara (Angora)	39 58	32 48	861	912·6	1006·2	- 3·7	303·8	310·5	27th	288·8	283·2	7th	296·3	296·7	..	8	[illegible]
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1004·3	- 1·2	309·4	311·9	10,24,25	293·1	289·7	1st,2nd	301·3	..	- 0·1	1	[illegible]
544	Beirut	33 54	35 28	33·7	..	1006·3	- 1·3	305·0	306·6	16th	296·0	294·7	7th,8th	300·5	300·4	+ 0·9	0	[illegible]
545	Hinaidi	33 17	44 29	32·9	994·9	998·5	- 0·6	316·4	318·6	29th,31st	298·4	295·4	2nd	307·4	308·2	- 0·2	0	[illegible]
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
547	Tehran	35 41	51 25	1220	862·8	987·4	..	309·3	313·2	6th	295·8	292·8	1st	302·6	302·4	- 0·1	0	[illegible]
548	Meshed	36 17	59 36	946	..	..	..	308·2	312·0	4th	..	..	..	..	..	..	0	[illegible]
549	Seistan	31 2	61 30	?610	940·9	..	..	312·8	316·8	4th	300·4	298·0	18th	306·6	..	+ 0·9	0	[illegible]
550	Quetta	30 10	67 1	1647	827·7	..	- 0·8	307·9	311·3	5 days	293·9	290·8	25th	300·9	300·7	+ 1·7	57	[illegible]
551	Peshawar	34 1	71 35	355	959·2	998·0	+ 0·1	310·8	315·8	11th	299·7	295·8	21st	305·3	304·8	- 0·5	85	[illegible]
551a	Lahore	31 35	74 20	214	974·6	998·2	+ 0·5	307·7	314·1	11th	299·3	295·8	30th	303·5	303·0	- 1·7	251	[illegible]
552	Simla	31 6	77 10	2202	777·1	..	+ 0·4	293·2	295·8	22nd	287·9	285·2	5th	290·6	290·4	- 0·8	368	[illegible]
552a	Leh	34 9	77 34	3503	664·5	..	+ 0·2	296·9	299·8	4th	283·2	278·6	31st	290·1	289·1	- 0·5	7	[illegible]
558	Sian	34 31	109 5	365	958·1	997·4	..	309·1	315·1	13th,16th	299·2	294·5	11th	304·1	306·1	..	29	[illegible]
559	Hankow	30 35	114 17	37·0	..	1002·0	- 2·0	309·8	312·4	24th	300·4	297·3	1st	305·1	304·5	+ 2·8	7	[illegible]
560	Tientsin	39 9	117 9	6·4	..	1002·7	- 1·4	306·5	312·7	14th	295·6	292·4	1st	301·1	300·5	+ 1·0	253	[illegible]
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1001·8	1002·6	- 2·1	306·6	310·3	11th	298·0	295·1	2nd	302·3	301·4	+ 1·5	139	[illegible]
562	Jinsen (Chemulpho)	37 29	126 38	70·4	997·8	1005·8	- 0·8	300·9	306·6	31st	294·7	292·0	1st	297·8	297·5	+ 1·3	618	[illegible]
562a	Nagasaki	32 44	129 52	133	993·2	1008·2	- 0·2	304·4	307·4	16th,26th	297·6	296·0	18th	301·0	300·3	+ 1·8	144	[illegible]
563	Kyoto	35 1	135 44	42·9	1003·4	1008·3	- 0·2	305·6	309·3	14th,17th	295·8	292·6	8th	300·7	300·1	+ 1·9	231	[illegible]
564	Tokyo	35 41	139 46	5·8	1007·8	1008·4	- 0·9	303·0	306·8	15th	295·9	293·0	7th	299·5	299·3	+ 2·1	139	[illegible]
565	Hukusima	37 45	140 28	68·5	1000·9	1008·8	- 0·4	302·0	307·4	14th	293·5	288·5	6th	297·7	297·1	+ 0·9	267	[illegible]
566	Miyako	39 38	141 59	30·4	1005·5	1009·0	- 0·4	298·5	307·9	24th	291·1	286·0	6th	294·8	294·0	+ 1·1	125	[illegible]
		N.	E.															

JULY - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min. B	Temperature: Absolute Min.	Temperature: Date	Temperature: Mean of A and B	Temperature: †24 hr. Mean	Temperature: Diff. from Normal	Precipitation: Total	Precipitation: Diff. from Normal
		N.	W.															
601	ØMidway Island	28 13	177 22	5·8	1017·6	1018·3	..	302·0	303·6	6th	293·1	290·2	9th	297·6	297·0	- 0·7	130	[illegible]
605	Honolulu	21 19	157 52	11·6	1014·2	1015·6	- 1·1	301·1	302·4	6th	296·2	294·1	14th	298·7	298·4	+ 0·3	6	[illegible]
613	Guaymas	27 55	110 53	8·3	1010·3	1011·2	..	308·4	311·5	14th	299·1	294·3	21st	303·7	302·7	- 0·7	126	[illegible]
615	Leon	21 7	101 41	1809	821·7	1009·7	- 0·9	299·5	303·4	1st,2nd	287·1	284·7	12th	293·3	292·5	- 1·2	190	[illegible]
616	Monterry	25 40	100 18	528	954·6	1013·1	+ 1·8	305·0	307·0	30th	294·8	293·2	26th	299·9	299·3	- 1·0	37	[illegible]
617	Tulancingo	20 5	98 22	2181	791·5	..	+ 0·2	294·9	297·8	30th	282·9	280·0	30th,31st	288·9	288·2	- 1·2	87	[illegible]
618	Galveston	29 18	94 50	16·5	1015·6	1017·6	+ 1·6	304·1	308·0	31st	298·8	295·8	31st	301·4	301·1	+ 0·1	8	[illegible]
618a	New Orleans	29 57	90 4	16·2	1015·4	1017·3	+ 1·4	306·2	310·2	11th	296·9	292·4	1st	301·6	300·9	+ 0·6	155	[illegible]
619	Merida, Yucatan	20 58	89 38	22	1013·3	1015·8	+ 0·2	304·2	305·0	17th,31st	295·9	294·4	24th	300·1	299·2	- 0·6	229	[illegible]
620	Havana	23 7	82 25	77·0	1007·1	1015·9	- 0·8	304·8	306·9	31st	296·3	293·9	23rd	300·5	300·1	..	80	[illegible]
620a	Key West	24 33	81 48	6·7	1016·4	1017·3	+ 0·3	304·4	305·8	14th	298·4	294·1	19th	301·4	301·4	- 0·2	64	[illegible]
621	Nassau, Bahamas	25 5	77 20	9·6	..	1018·1	+ 0·4	304·6	305·8	6,14,27	297·1	295·2	23rd	300·8	300·9	- 0·4	214	[illegible]
622	San Salvador (Watling Island)	24 6	74 26	33·5	1015·3	1019·1	+ 0·6	..	304·1	30th,31st	..	299·1	13th	..	301·6	- 0·2	..	[illegible]
633	Port Etienne	20 56	17 3	4	1012·7	1013·2	..	303·1	313·0	14th	290·7	288·7	9th	296·9	294·2	..	0	[illegible]
634m	ØIzaña	28 19	16 30	2367	772·0	..	- 1·1	293·3	297·0	29th	284·4	279·8	1st	288·9	288·5	- 1·2	0	[illegible]
634	La Laguna	28 28	16 20	547	953·8	1016·7	- 0·3	296·1	301·2	19th,20th	284·7	281·8	18th	290·4	289·7	- 2·9	7	[illegible]
636	Adrar	27 52	W. 0 17	?285	978·5	1009·0	..	..	..	..	301·6	293·0	3rd	..	312·5	..	0	[illegible]
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	865·6	1003·8	..	310·0	312·1	10th	295·6	292·3	29th	302·8	303·8	..	..	[illegible]
639	Sebha	27 1	14 27	424	..	..	..	..	..	..	..	..	..	..	..	..	0	[illegible]
640	Hon	29 8	15 56	263	..	..	..	312·9	318·6	3rd	293·2	290·1	8th	303·1	..	..	0	[illegible]
641	Giarabub	29 45	24 31	49	..	..	..	311·6	316·1	12th	295·0	291·8	3rd	303·3	..	..	0	[illegible]
642	Siwa	29 12	25 29	-23	1011·4	1008·7	- 2·3	311·6	315·5	4th	294·5	292·3	8th	303·0	302·4	+ 0·7	0	[illegible]
643	Cairo (Helwan)	29 52	31 20	116	994·6	1007·4	- 0·8	309·2	314·7	5th	294·6	292·1	8th	301·9	301·8	+ 0·8	0	[illegible]
643a	Aswan	24 2	32 53	100	994·2	1005·0	- 1·0	315·7	320·0	6th	299·3	295·6	1st	307·5	307·0	+ 1·0	..	[illegible]
644	Tor	28 14	33 37	1·9	1005·1	1005·2	+ 0·2	308·3	313·4	27th	297·8	294·5	2nd	303·0	302·2	+ 1·2	0	[illegible]
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ØChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

JULY - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min. B	Temperature: Absolute Min.	Temperature: Date	Temperature: Mean of A and B	Temperature: †24 hr. Mean	Temperature: Diff. from Normal	Precipitation: Total	Precipitation: Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	996·5	996·9	..	306·8	311·6	31st	301·8	298·6	1st	304·3	303·6	- 0·7	0	0
648	Jask	25 45	57 45	4·0	996·3	996·8	..	308·0	310·8	7th,8th	302·8	297·5	13th	305·4	304·7	- 0·2	18	+18
649	Karachi	24 48	66 59	4·0	999·0	999·3	+ 0·1	304·3	308·6	1st	300·0	297·4	24th	302·2	301·5	0·0	340	+265
650	Jacobabad	28 17	68 29	56·7	990·5	996·6	+ 0·3	312·1	314·7	7,12,22	301·8	296·3	12th	306·9	306·3	- 1·9	60	+37
651	Jaipur	26 55	75 50	436	952·5	999·3	+ 0·7	305·3	309·1	2nd	297·7	295·8	6th	301·5	300·8	- 1·4	194	-10
652	Nagpur	21 9	79 7	310	967·6	1002·0	+ 0·3	304·1	306·9	4 days	296·6	294·1	2nd	300·3	299·7	- 0·3	265	-86
653	Allahabad	25 26	81 50	94·2	988·5	999·0	+ 0·1	305·9	312·4	1st	299·2	298·0	4 days	302·6	302·0	- 0·6	498	+200
653a	Darjeeling	27 3	88 16	2265	772·6	..	+ 0·3	293·5	297·7	9th	287·8	286·4	1st,17th	290·7	290·5	+ 1·0	688	-133
654	Calcutta	22 32	88 20	6·4	998·3	999·1	- 1·0	304·4	306·9	7,14,15	299·1	297·4	3rd,8th	301·7	301·6	+ 0·3	511	+193
655	Gauhati	26 11	91 45	59·7	995·2	1002·0	- 0·1	305·8	309·3	13th	298·4	296·7	9th	302·1	301·5	+ 0·2	249	-49
655m	Cherrapunji	25 15	91 44	1313	862·3	..	- 0·5	296·4	299·4	14th	291·8	290·7	23rd	294·1	293·5	+ 0·8	982	-1520
655a	Akyab	20 8	92 55	6·1	1001·7	1002·5	- 1·3	301·4	303·3	13th	297·7	295·9	25th	299·6	299·7	- 0·6	1330	-61
656	Mandalay	21 59	96 6	76·2	994·9	1003·5	- 0·9	305·9	308·4	14th	298·8	296·9	24th	302·3	301·7	- 1·0	56	-27
656a	Tengyueh	25 0	98 40	1634	830·1	999·6	..	298·2	303·0	12th	290·5	289·1	19th,20th	294·3	293·6	+ 1·2	239	-99
657	Phu Lien	20 48	106 38	116	..	1000·5	- 2·0	305·8	309·9	3rd	298·2	294·7	8th	302·0	301·5	+ 0·3	440	+149
658	Moncay	21 31	107 58	9·0	..	1000·4	- 2·6	306·3	310·9	10th	298·3	296·2	28th	302·3	301·6	+ 0·6	636	+34
659	Hongkong	22 18	114 10	33·2	..	1001·0	- 3·7	303·4	306·8	1st	298·8	296·3	25th	301·1	300·9	+ 0·1	737	+371
660	Amoy	24 26	118 4	4·9	1001·2	1001·7	- 3·7	304·6	307·4	26th,27th	299·9	298·0	5,20,31	302·3	301·6	- 0·4	239	+106
661	Taihoku, Formosa	25 2	121 31	9·3	1000·7	1001·7	- 3·9	305·4	308·8	22nd	297·4	295·5	20th	301·4	300·8	- 0·3	797	+571
661a	Basco	20 28	121 59	18·7	..	1002·8	- 2·6	303·5	305·4	3rd	299·0	297·2	4th	301·3	301·0	- 0·2	484	+170
662	Naha	26 12	127 39	29·5	1001·1	1004·4	- 3·2	303·1	305·0	10th	298·4	295·9	30th	300·7	300·7	- 0·2	390	+202
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1009·1	1009·6	- 2·0	304·6	306·3	17th,19th	297·4	294·6	7th	301·0	300·7	+ 0·6	134	-32
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

JULY - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min. B	Temperature: Absolute Min.	Temperature: Date	Temperature: Mean of A and B	Temperature: †24 hr. Mean	Temperature: Diff. from Normal	Precipitation: Total	Precipitation: Diff. from Normal
		N.	W.															
715	Colima	19 12	103 45	498	957·2	1012·5	+ 0·3	306·7	308·7	6th	293·8	292·2	5th	300·3	299·2	+ 0·2	129	-47
716	Morelia	19 42	101 7	1923	810·8	1010·5	+ 0·1	295·1	298·1	2nd	287·1	285·7	23rd	291·1	290·9	- 0·2	276	+117
717	Mexico, Tacubaya	19 24	99 12	2309	776·1	..	+ 0·1	294·8	296·9	1st	283·4	281·0	19th	289·1	287·8	- 0·9	171	+44
718	Salina Cruz	16 12	95 12	56	1004·1	1010·4	- 1·9	305·4	307·2	22nd	297·6	296·0	14th	301·5	302·2	+ 1·2	0	-116
719	San Salvador	13 42	89 13	682	937·0	1012·2	0·0	307·2	308·8	6th,13th	291·5	290·4	10,15,18	299·3	297·4	+ 0·8	154	-144
720	Belize	17 31	88 11	5·2	1013·6	1014·2	+ 0·7	301·6	302·7	22nd	296·4	293·6	30th	299·0	298·6	- 1·5	137	- 1
721	Jamaica (Negril Pt.)	18 33	72 20	37·4	1011·0	1015·3	- 0·1	307·4	309·8	5th	295·6	293·5	25th	301·5	301·2	+ 0·4	107	+38
723	Caracas	10 30	66 56	1043	898·5	1012·9	..	299·1	302·6	22nd	289·9	287·0	28th	294·5	292·1	- 1·0	62	-47
724	San Juan, Porto Rico	18 29	66 7	25·0	1014·0	1016·9	+ 0·1	302·4	305·2	21st	297·3	295·2	25th	299·9	299·8	+ 0·3	64	-99
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·4	1013·7	+ 0·2	303·6	304·7	19,23,29	296·1	294·7	10th,13th	299·8	299·1	+ 0·6	169	-70
725	Barbados	13 8	59 36	57·9	..	1014·6	- 0·1	302·9	304·2	24th	296·1	294·0	16th	299·5	299·3	- 0·3	96	-32
731	São Vicente, C. Verde Is.	16 54	25 4	11	1013·0	1014·2	+ 0·1	298·7	301·0	21st	295·5	294·0	1st	297·1	297·1	- 0·3	3	- 3
732	San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..
733	Dakar	14 40	17 26	32	..	1013·0	..	303·6	306·8	5th,7th	296·9	295·2	25th	300·3	299·3	- 0·5	114	+24
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	302·3	308·0	12th	296·8	294·1	19th	299·6	299·8	0·0	293	..
735	Niénébalé	12 57	7 26	300	..	..	..	304·8	308·4	12th	295·6	291·0	25th	300·2	300·1	..	207	..
736	Kabara	16 45	W. 3 1	273	..	..	..	312·2	317·3	4th	296·2	292·4	23rd	304·2	303·3	..	37	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	305·6	309·7	6,9,16	295·4	291·9	23rd	300·5	299·8	- 0·1	237	+77
738	Kaduna Capital	10 32	7 25	?637	..	..	..	301·1	304·1	17th	291·3	289·9	3rd	296·2	295·6	- 0·3	267	- 3
739	Hadeija	12 40	10 5	?	..	..	..	306·6	310·2	5,10,12	296·1	293·0	28th,29th	301·3	300·6	+ 0·6	157	+14
740	Maiduguri	11 47	13 11	361	..	..	..	305·5	309·7	4th,19th	..	..	..	..	‡299·2	- 0·7	266	+99
741	ØEl Fasher	13 32	25 18	730	926·7	1007·0	..	307·0	310·5	16th	293·8	290·5	23rd	300·4	298·8	- 1·1	277	+150
743	El Obeid	13 11	30 14	563	947·1	1009·8	+ 1·8	306·7	311·0	7th	294·0	291·0	17th	300·4	299·4	- 0·8	119	+30
743a	Khartoum	15 37	32 33	390	965·5	1008·4	+ 1·1	311·4	314·7	7th	298·3	295·4	11th,13th	304·8	304·4	- 0·5	20	-27
744	Port Sudan	19 37	37 13	5·5	1005·2	1005·9	+ 1·2	315·0	318·7	22nd	300·6	297·4	2nd	307·8	306·8	+ 0·2	0	- 8
745	Berbera, Somaliland	10 26	45 2	13·8	1003·1	1004·6	+ 0·4	314·2	316·3	7th,15th	303·7	296·9	19th	308·9	308·6	- 0·5	0	- 2
746	Aden	12 49	45 2	29·9	1001·1	1005·5	+ 0·8	307·0	312·3	16th	301·6	299·8	4th	304·3	304·2	+ 0·2	0	- 1
751	Bombay	18 54	72 49	11·3	1004·8	1006·1	+ 1·4	302·7	304·1	13th	297·8	296·3	1st	300·3	300·3	- 0·1	261	-356
752	Kodaikanal	10 14	77 28	2343	770·2	..	+ 1·5	291·3	293·8	10th	284·1	282·7	1st	287·7	287·1	+ 0·5	36	-92
752a	Bangalore	12 58	77 35	921	908·3	1008·4	+ 1·4	301·9	304·2	7th,8th	291·9	290·7	10th	296·9	295·8	+ 0·6	144	+37
753	Madras	13 4	80 15	6·7	1005·5	1006·3	+ 0·3	309·6	311·9	15,16,22	299·9	296·9	30th	304·7	303·9	+ 1·1	29	-71
754	Vizagapatam	17 42	83 18	38·4	997·6	1002·0	- 0·1	305·7	309·3	29th	299·5	296·4	13th	302·6	301·8	+ 0·2	132	+18
755	Port Blair	11 40	92 43	18·0	1005·5	1007·5	0·0	302·5	303·6	8th	298·4	296·6	12th	300·5	299·7	+ 0·1	318	-69
756	Rangoon	16 46	96 11	5·5	1005·4	1006·0	- 0·6	302·6	305·2	9th	297·2	295·7	7th	299·9	298·9	0·0	764	+220
757	Cap St. Jacques	10 20	107 45	180	..	1008·4	..	302·0	303·9	22nd	296·3	294·4	17th	299·2	298·8	- 0·3	149	-65
758	Nhatrang	12 15	109 12	3·6	..	1003·9	..	306·3	311·3	14th	297·4	296·0	21st	301·9	301·3	+ 0·4	6	-38
759	Bolinao	16 23	119 53	2	..	1004·5	- 0·6	302·3	304·8	25th,31st	297·8	296·1	1st	300·1	299·6	- 0·3	580	-58
761	Vigan	17 34	120 23	12·2	..	1004·1	- 1·7	302·9	305·2	20th	297·7	296·0	11th	300·3	299·9	- 0·4	1062	+369
761a	Manila	14 35	120 59	14·2	..	1005·9	- 0·9	303·2	305·7	2nd	297·8	296·0	7th	300·5	300·1	+ 0·1	459	+43
762	Ormoc	11 0	124 36	5·6	..	1006·8	- 0·3	304·6	305·8	25th	297·1	295·7	21st	300·9	301·4	+ 1·5	182	-106
765	ØGuam, Ladrone Is.	13 24	144 38	18·6	..	1006·4	- 1·3	?303·3	?304·4	15,19,31	297·8	295·8	13th	?300·5	300·6	+ 0·1	336	-30
766	Saipan	15 14	145 46	207	984·5	1004·6	..	301·0	303·1	14th	296·3	295·0	4th	298·7	298·7	..	242	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ØChange of normals, see Table of Authorities, pages 105-15.

JULY - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	φFanning Island	3 54	159 23	5·3	1006·7	1007·3	- 3·5	..	..	..	298·3	296·7	1st	..	*300·8*	- 1·1	340	[illegible]
821	Cristobal	9 23	79 54	11·0	..	1009·3	- 1·4	303·6	304·7	31st	298·7	296·3	12th	301·1	300·6	+ 1·3	228	[illegible]
822	Bogota	4 36	74 5	2645	746·7	..	+ 0·3	291·2	294·6	9th	283·4	279·9	9th	287·3	*286·8*	+ 0·4	74	[illegible]
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	1008·7	1013·0	+ 0·8	304·1	305·8	31st	296·5	295·2	9th	300·3	*299·8*	+ 0·1	133	[illegible]
824	El Peru, Guayanavieja	7 19	61 49	220	985·6	1010·5	- 1·2	303·9	305·2	6,27,29	294·9	294·1	sev.dates	299·4	*298·8*	+ 1·1	243	[illegible]
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·9	- 0·6	301·9	303·3	11th,31st	297·0	294·7	21st	299·5	*299·1*	- 0·1	538	[illegible]
826	Paramaribo	5 49	55 9	3·7	1012·7	1013·1	- 0·8	303·7	305·9	29th	295·8	295·2	13,14,19	299·7	*299·0*	- 0·1	273	[illegible]
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	180	[illegible]
831	10°-5°N. 30°-25°W.	††7 4	††27 9	§(62-87)	..	1014·7	+ 0·9	..	..	Sea Temp. 299·5 | +0·1	..	..	..	..	299·0	0·0	..	..
833	φKonakri	9 31	13 43	16	..	..	..	301·1	303·0	8th	296·6	295·4	8th	298·9	298·9	+ 0·4	1030	[illegible]
834	Freetown, Sierra Leone	8 29	13 14	55·0	1007·1	1013·4	+ 2·4	300·5	303·0	8th	294·8	292·4	19th	297·7	*297·2*	- 1·2	748	[illegible]
835	Assuantsi	5 18	1 15	97·3	1002·0	1013·2	..	299·9	303·6	20th	293·4	289·7	31st	296·7	*296·2*	- 0·4	17	[illegible]
836	Accra	5 33	W. 0 12	17·7	1012·1	1014·1	+ 0·2	302·5	305·2	9th	296·9	294·1	2,28,31	299·7	*299·3*	+ 1·6	26	[illegible]
837	Lagos	6 27	E. 3 24	3·0	1011·2	1011·5	- 1·7	300·9	304·1	16th	296·7	295·2	23rd	298·8	*298·1*	+ 0·2	467	[illegible]
838	Victoria, Nigeria	4 1	9 12	15·5	1009·8	1011·6	..	303·2	304·7	2,10,13	294·1	291·3	4th	298·7	*298·1*	..	790	[illegible]
839	Yola	9 12	12 30	259	..	..	..	304·6	307·4	19,20,21	295·9	293·6	10th	300·3	*299·8*	+ 1·1	108	[illegible]
841	φWau	7 42	28 3	440	961·9	1010·8	+ 0·9	305·9	308·0	10,12,16	293·8	292·0	27th	299·8	*299·0*	+ 0·9	188	[illegible]
843	Malakal (Kodok)	9 35	31 37	394	967·5	1011·6	+ 0·3	305·4	309·6	11th	294·9	292·6	10th	300·2	*298·7*	+ 1·0	93	[illegible]
843a	Mongalla	5 11	31 47	448	961·4	1011·6	+ 0·4	305·7	309·2	13th	294·0	291·7	20th	299·8	*298·4*	+ 0·9	142	[illegible]
844	Entebbe	0 5	32 29	1171	886·1	1012·7	+ 0·8	298·1	299·1	11,18,25	289·9	288·0	11th,31st	294·0	*294·0*	+ 0·9	73	[illegible]
845	Sheikh	9 55	45 15	1463	..	..	..	302·0	304·1	15th	290·1	288·6	19th	296·1	*295·4*	..	24	[illegible]
851	Minicoy	8 18	73 0	2·7	1010·7	1011·0	+ 0·9	303·9	305·2	15th	298·6	295·7	25th	301·2	*300·4*	..	172	[illegible]
851a	Cochin	9 58	76 14	2·7	1010·9	1011·3	+ 2·8	301·6	303·1	8th	297·2	294·8	24th	299·4	*298·6*	+ 0·3	296	[illegible]
852	Colombo Observatory	6 54	79 52	7·3	..	1009·8	+ 0·9	302·4	303·0	15,17,21	298·5	295·1	19th	300·4	299·6	+ 0·4	28	[illegible]
853	Nuwara Eliya	6 58	80 46	1881	813·2	1010·8	- 0·2	292·9	295·9	12th	285·4	282·4	11th	289·1	*288·4*	+ 0·7	143	[illegible]
854	Trincomalee	8 35	81 15	30·2	..	1006·2	+ 1·0	306·6	308·0	5th	298·3	295·8	13th	302·4	*301·6*	+ 0·2	76	[illegible]
855	Kuta Raja	5 32	95 20	7·1	..	1009·3	+ 0·1	..	..	..	..	..	..	..	..	..	67	[illegible]
856	Medan	3 35	98 41	25	..	1008·6	- 0·3	304·9	307·3	5th	295·5	293·2	31st	300·2	299·6	+ 0·7	140	[illegible]
857	Penang	5 34	100 20	5·0	..	..	..	305·4	306·3	sev.dates	296·9	295·2	29th	301·2	*300·7*	+ 0·7	266	[illegible]
857a	Butterworth	5 25	100 22	2·1	..	1007·3	..	304·4	305·2	sev.dates	296·6	295·2	sev.dates	300·5	300·4	..	97	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	999·0	1009·3	+ 0·2	304·4	306·3	18th	298·4	294·7	24th	301·4	300·7	..	137	[illegible]
859	Sandakan	5 50	118 7	31·7	..	..	..	305·2	307·4	11th	296·8	295·2	3rd,5th	301·0	*301·2*	+ 0·3	100	[illegible]
860	Iwahig	9 44	118 38	14·3	..	1007·0	+ 0·1	304·9	306·8	28th,31st	296·1	294·3	29th	300·5	*299·9*	+ 0·6	53	[illegible]
861	Tagbilaran	9 38	123 51	21·3	..	1007·3	- 0·3	305·4	307·3	3,18,29	297·9	295·9	5th	301·7	301·1	+ 0·8	64	[illegible]
861a	Menado	1 30	124 50	8·5	..	1009·3	+ 0·8	304·8	306·9	14th	296·6	294·1	30th	300·7	300·3	+ 0·9	..	..
862	Surigao	9 48	125 29	6·0	..	1007·3	- 0·2	304·5	307·0	18th	298·0	295·9	21st	301·3	301·0	+ 0·6	145	[illegible]
863	φKolonie, Yap	9 29	138 8	29·3	..	1007·8	- 0·4	303·6	305·7	23rd	297·2	295·9	18th	300·4	299·5	- 0·3	682	[illegible]
864	Palau	7 20	134 29	31·8	1005·1	1008·7	..	302·1	303·5	23rd	297·2	294·6	4th	299·7	299·9	..	439	..
867	Ponape	6 58 N.	158 13 E.	38·9	1004·3	1008·7	..	302·3	304·3	13th	296·0	293·6	24th	299·1	298·9	..	492	..

JULY - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Diff. from Normal
902	Atafu	S. 8 32	W. 172 31	1·8	1009·7	1009·9	..	301·8	303·4	2nd	299·9	297·1	6th	300·9	*300·6*	..	514	..
920	Lambayeque	6 46	80 55	15	1010·1	1011·9	..	299·7	302·0	1st,5th	288·3	285·0	19th	294·0	292·5	..	0	..
921	Quito	0 14	78 30	2816	727·7	..	- 0·2	295·6	297·6	2nd	280·1	277·0	8th	287·9	286·5	+ 1·5	14	[illegible]
923	Senna Madureira	9 4	68 40	135	..	..	..	305·2	309·8	30th	291·4	283·9	6th	298·3	*297·8*	..	4	..
923a	São Gabriel do Rio Negro	0 8	67 5	85·0	1002·7	1012·6	..	302·0	305·0	6th	294·5	291·9	8th	298·2	*297·0*	..	159	[illegible]
924	Manaos	3 8	60 1	43·8	..	..	..	303·6	306·2	14th	294·6	292·0	7th	299·1	*299·1*	- 0·3	35	[illegible]
926	Taperinha	2 30	54 20	21·5	1010·4	1013·0	- 0·4	304·0	306·6	6th	295·0	293·7	16th	299·5	*298·3*	+ 0·4	59	[illegible]
927	Turyassu	1 43	45 26	9·1	1011·4	1012·4	- 0·7	304·5	306·0	16th	294·6	292·3	16th	299·6	*299·1*	+ 0·8	31	[illegible]
928	Barra do Corda	5 30	45 16	81·0	1003·9	1013·4	..	305·5	307·2	28th	289·9	287·7	8th	297·7	*296·5*	- 0·5	0	[illegible]
929	Quixeramobim	5 16	39 15	207	991·4	1014·7	+ 0·4	304·0	305·6	16th	297·1	295·1	7th	300·6	*300·6*	+ 1·3	2	[illegible]
930	Fernando Noronha	3 50	32 25	106	1002·4	1014·6	- 0·3	300·3	301·0	21st	296·5	294·2	28th	298·4	*297·9*	+ 0·5	50	[illegible]
934	Ascension Island	7 56	W. 14 25	16·8	1015·3	1017·1	+ 0·3	..	..	..	..	..	..	..	*297·5*	- 0·1	18	[illegible]
939	Loanda	8 49	E. 13 13	59·3	..	1015·6	- 0·1	295·1	297·2	21st	290·1	288·0	10th	292·6	292·1	- 0·7	0	[illegible]
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	292·9	295·2	..	281·2	279·0	..	287·1	288·0	..	54	[illegible]
943	Masaka	0 20	31 44	1280	..	..	..	300·1	302·4	5th	289·8	287·4	8th	294·9	*294·2*	..	40	[illegible]
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	823·1	1017·9	..	292·8	296·1	29th	283·3	280·9	9th	288·0	287·4	..	6	[illegible]
944a	Zanzibar	6 10	39 12	17·1	1017·3	1019·2	+ 0·7	300·6	302·0	10th	295·5	294·3	1st	298·1	*297·4*	+ 0·3	27	[illegible]
945	Lamu	2 16	40 50	3·0	..	..	..	300·2	301·9	14th	295·1	293·0	4th,14th	297·6	*297·2*	- 1·3	126	[illegible]
947	Seychelles, Port Office	4 37	55 27	4·6	1012·5	1013·0	- 0·5	300·7	301·7	8th	296·1	294·5	10,22,23	298·4	*297·7*	0·0	87	[illegible]
957	Padang	0 56	100 22	6·7	..	1010·4	0·0	304·2	305·4	31st	296·5	295·3	23rd	300·3	299·9	+ 0·6	435	[illegible]
958	Batavia	6 11	106 50	8·0	1009·7	1010·6	+ 0·5	304·5	306·1	6th,15th	296·0	294·4	1st	300·2	299·7	+ 0·8	39	[illegible]
958a	Pontianak	0 1	109 20	2·6	..	1009·4	- 0·2	306·1	307·1	22nd	297·0	295·4	1st	301·5	300·8	+ 0·9	34	[illegible]
959	Pasuruan	7 38	112 55	5·0	..	1011·0	+ 0·3	303·2	304·6	29th	294·0	290·0	8th	298·6	298·8	+ 0·1	0	[illegible]
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	43	[illegible]
962	Amboina	3 42	128 10	4·2	..	1011·3	+ 0·8	300·7	301·7	5th	296·3	294·1	30th	298·5	298·3	+ 0·5	123	[illegible]
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	0	[illegible]
965	Daru	9 4	143 13	7·6	..	1012·9	+ 1·5	300·6	..	..	295·7	..	..	298·1	*297·7*	- 0·1	45	[illegible]
966	Port Moresby	9 29	147 9	38·4	..	1012·5	+ 1·0	300·6	..	..	295·1	..	..	297·8	*297·4*	- 0·8	1	[illegible]
967	Rabaul	4 9	152 12	12·5	1008·0	1009·4	+ 0·3	303·9	306·2	4th	295·3	293·1	12th	299·6	*299·0*	- 0·4	457	[illegible]
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?302·6	?303·6	1,6,7	?297·5	?296·1	3rd	?300·1	?299·9	0·0	203	[illegible]
970	Ocean Island	0 52	169 35	42·6	1004·7	1009·7	- 0·3	304·2	305·8	1st	298·6	298·0	sev.dates	301·4	*300·8*	+ 0·6	213	[illegible]
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
§ Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
φChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

JULY - ZONE 10.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1010·8	- 1·0	301·5	303·0	9th	296·0	293·3	15th	298·8	298·7	+ 0·1	22	-54
1003	φAlofi, Niue Island	19 2	169 55	19·8	..	1013·9	- 1·4	298·4	301·9	10th	291·6	286·9	27th	295·0	*294·8*	- 0·9	42	-37
1021	Lima	12 5	77 3	111	999·9	1013·0	..	293·5	298·0	25th	287·3	283·4	21st	290·4	289·7	..	4	..
1022	Arica	18 28	70 20	5	1012·4	1013·0	..	292·1	295·0	12th	286·8	285·5	2nd	289·5	289·4	+ 1·1	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	658·4	..	- 0·2	290·3	293·5	18th	273·9	271·9	9th	282·1	*280·6*	+ 0·9	8	- 1
1025	Corumba	18 59	57 39	116	1000·3	1013·6	- 1·2	299·7	306·6	31st	288·5	280·6	5th	294·1	*294·0*	- 0·4	25	+11
1026	Cuyaba	15 36	56 6	165	994·7	1013·6	- 0·3	303·5	309·0	31st	288·6	283·1	5th	296·0	*295·1*	- 1·4	9	+ 3
1027	Bello Horizonte	19 56	43 56	895	917·5	1017·4	- 0·9	297·9	301·6	13th	285·9	281·4	22nd	291·9	*291·1*	+ 1·4	4	- 6
1028	Caetite	14 3	42 37	897	918·7	1018·0	0·0	298·8	304·1	12th,13th	287·6	285·8	7th	293·2	*293·1*	+ 0·7	6	- 4
1029	Ondina (Bahia)	13 0	38 31	46·6	1011·8	1017·2	- 0·6	298·5	300·4	15th	294·0	292·4	25th,27th	296·2	*296·1*	- 0·3	99	-91
1030	Aracaju	10 55	37 3	6·1	1016·3	1017·1	- 0·8	299·7	300·5	12th,15th	293·7	289·9	26th	296·7	*296·4*	..	131	..
1035	φSt. Helena	15 57	W. 5 40	579	949·8	1017·3	+ 0·2	..	..	..	285·7	284·7	2,11,13	..	*287·5*	+ 0·7	123	+19
1039	Mossamedes	15 12	E. 12 9	12·5	1015·7	1017·2	..	..	293·8	22nd	..	281·6	6th	..	..	..	0	..
1041	Livingstone	17 51	25 51	972	911·9	1021·1	..	298·2	302·4	15th	280·3	276·2	29th	289·2	..	+ 0·2	1	+ 1
1041a	φElisabethville	11 39	27 28	1230	879·5	1014·9	- 0·6	298·2	300·6	6th	278·5	275·1	1st	288·3	..	- 0·7	0	0
1042	Gwelo	19 26	29 45	1411	..	..	..	292·7	298·0	14th	277·4	273·6	6th,21st	285·1	..	- 1·0	1	0
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	858·2	1022·2	+ 0·2	293·3	297·1	7th	278·9	274·8	4th	286·1	285·6	- 0·3	0	- 1
1044	Zomba	15 23	35 18	955	911·5	1017·7	- 0·6	294·8	298·6	5th,14th	284·6	281·9	1,5,21	289·7	*289·0*	0·0	6	- 3
1045	Mossuril	14 57	40 40	15	..	1019·6	..	300·0	302·5	7th	288·7	285·6	2nd	294·3	294·3	..	12	..
1046	Antananarivo	18 55	47 33	1375	868·3	1020·4	- 0·5	293·9	297·2	27th,29th	280·9	277·2	22nd	287·4	285·9	- 0·4	4	- 2
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1011·7	1012·4	- 0·3	301·4	302·7	7th,12th	297·3	295·1	2nd	299·3	*298·9*	+ 0·3	313	+62
1057	Christmas Island	10 25	105 43	5·5	1009·7	1010·3	+ 0·7	302·6	304·1	18th	296·6	295·2	6th,21st	299·6	*299·1*	+ 0·1	86	-31
1061	Kupeng	10 10	123 34	45	1006·7	1011·8	- 0·1	304·6	307·1	28th	294·3	291·5	7th	299·5	298·8	+ 0·6	0	- 5
1061a	φDerby	17 18	123 40	16·2	1013·9	1015·7	+ 0·2	304·2	306·4	29th	288·8	285·9	16th	296·5	..	+ 1·6	0	- 4
1062	Hall's Creek	18 13	127 46	373	973·9	1016·1	- 0·8	301·9	304·2	31st	285·1	279·2	21st	293·5	*292·8*	+ 2·6	0	- 5
1063	Darwin	12 28	130 51	29·6	1010·1	1013·5	+ 0·9	303·8	305·8	25th	293·4	292·1	1,2,14	298·6	*297·4*	+ 0·4	0	- 1
1064	Daly Waters	16 16	133 23	211	990·7	1014·7	- 0·2	303·6	306·3	4th	285·3	281·9	10,11,14	294·4	*293·7*	+ 1·0	0	- 1
1065	Palmerville	15 56	144 8	210	990·6	1014·5	+ 1·1	302·4	305·3	3rd	286·3	282·9	13th,14th	294·4	..	- 0·5	0	- 5
1066	Georgetown, Queensland	18 22	143 32	302	982·3	1016·7	+ 0·9	301·4	304·7	1st	283·2	275·8	11th	292·3	..	- 0·4	0	- 7
1066a	Willis Island	16 18	149 59	8·5	1013·9	1015·0	+ 0·4	297·9	299·1	1st,27th	294·5	292·3	31st	296·2	*296·2*	- 0·3	28	- 8
1067	Samarai	10 37	150 40	6·1	..	1013·4	+ 1·6	301·4	..	..	295·4	..	..	298·4	*298·2*	+ 0·2	140	-75
1072	Suva, Fiji	18 8 S.	178 26 E.	6·1	1012·7	1013·5	- 0·4	297·6	301·3	8th	292·8	289·7	26th	295·2	*295·0*	- 0·8	88	-37

BETWEEN LATITUDE 20° S. AND 30° S.

JULY - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Diff. from Normal
1105	Rarotonga (Avarua)	S. 21 12	W. 159 46	6·1	..	..	..	297·8	300·2	12th,13th	290·1	285·2	28th	293·9	*293·7*	- 0·6	140	+22
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1011·0	1013·8	- 3·9	288·8	293·2	31st	283·4	281·0	6th	286·1	*285·8*	+ 0·9	37	+ 9
1122	φAntofagasta	23 42	70 24	94	1003·1	1014·4	- 3·5	291·4	294·0	12th	284·1	280·5	14th	287·7	*287·2*	+ 0·7	0	- 6
1123	Catamarca	28 29	65 47	528	954·5	1016·5	+ 0·1	289·4	294·5	9th	276·9	271·0	18th	283·2	*283·8*	- 1·1	12	+ 8
1124	Salta	24 46	65 24	1182	881·7	1014·1	- 1·2	294·9	304·0	20th	275·9	269·4	6th	285·4	284·2	- 0·5	0	- 1
1125	Goya	29 9	59 15	37	1012·1	1016·5	- 0·5	..	..	..	281·2	273·2	16th	..	*286·9*	- 0·2	15	-29
1126	φAsuncion	25 17	57 41	93	1006·2	1017·2	+ 0·5	296·8	306·6	31st	285·6	275·3	16th	291·2	*290·7*	- 0·4	4	-56
1127	Curityba	25 25	49 17	908	916·1	1019·4	- 1·4	292·0	299·5	21st	279·9	267·7	17th	286·0	*285·2*	0·0	129	+64
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1016·2	1018·4	- 1·6	297·6	303·2	11th,12th	290·6	285·2	17th	294·1	293·9	+ 0·9	51	+ 8
1139	Windhoek	22 34	E. 17 6	1727	833·9	1021·1	..	292·7	296·8	16th	279·4	274·2	28th	286·1	*285·2*	- 0·1	0	- 1
1140	O'Okiep	29 36	17 52	933	915·5	1022·1	+ 0·2	291·2	296·9	20th	281·1	274·5	13th	286·1	285·3	+ 1·3	4	-16
1141	φKimberley	28 44	24 46	1218	886·2	1023·6	- 0·1	293·0	297·2	9th	277·2	273·7	30th	285·1	*284·4*	+ 1·8	0	- 7
1141a	Johannesburg	26 11	28 4	1806	827·6	1024·0	- 0·5	288·8	292·9	10th	278·6	272·1	29th	283·7	*283·2*	+ 0·5	25	+17
1142	Bulawayo	20 9	28 35	1349	872·9	1023·1	- 0·9	293·4	298·6	14th	277·9	273·6	4th	285·7	*285·3*	- 1·1	1	0
1143	Durban	29 52	31 3	15·2	1021·5	1023·3	- 0·6	294·4	297·4	6th	286·3	283·2	1st	290·3	*289·8*	0·0	59	+28
1144	Lourenço Marques	25 58	32 36	59·5	..	1022·6	- 0·2	297·4	304·5	6th	285·9	282·3	3rd	291·6	290·9	- 0·2	6	- 8
1147	Mauritius	20 6	57 33	55·2	1013·5	1020·0	- 0·4	296·5	299·0	30th	290·1	285·9	1st	293·3	293·1	+ 0·2	38	-25
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
φChange of normals, see Table of Authorities, pages 105-15.

JULY - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean	Diff. from Normal	Precipitation: Total	Precipitation: Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	øOnslow	21 43	114 57	4·3	1015·0	1015·5	- 0·9	297·9	300·8	31st	285·1	281·3	20th	291·5	..	+ 0·6	1	[illegible]
1160	øCue	27 27	117 52	454	965·5	1018·1	- 1·0	292·3	298·7	14th	280·1	275·1	19th	286·2	..	+ 0·6	13	[illegible]
1161	Nullagine	21 53	120 5	386	..	..	..	297·6	300·8	16,26,28	281·7	276·9	15th	289·7	..	+ 1·4	26	[illegible]
1162	Laverton	28 40	122 23	466	964·9	1019·0	- 1·5	292·2	298·0	14th	278·6	274·1	18th,31st	285·4	*285·3*	+ 1·0	2	[illegible]
1163	Alice Springs	23 38	133 37	587	950·9	1017·9	- 0·7	295·7	299·7	1st,10th	279·0	273·0	14th,15th	287·3	*287·0*	+ 2·8	0	[illegible]
1164	William Creek	28 55	136 21	76·2	1011·2	1020·3	- 0·3	292·9	298·6	9th	280·2	275·2	19th	286·6	*286·3*	+ 2·2	1	[illegible]
1164a	Boulia	22 55	139 38	146	999·9	1016·9	- 0·6	298·3	302·6	27th	282·2	278·1	14th,29th	290·2	*289·9*	+ 2·0	1	[illegible]
1165	Thargomindah	27 58	143 43	123	1004·4	1019·1	- 0·3	292·4	297·8	18th	280·4	276·6	30th	286·4	*286·1*	+ 1·2	9	[illegible]
1166	Mitchell	26 32	147 52	336	980·8	1020·7	+ 1·5	292·2	297·6	2nd	277·7	272·4	31st	284·9	..	+ 1·0	45	[illegible]
1167	Rockhampton	23 24	150 30	11·3	1017·5	1018·8	+ 0·7	295·3	298·6	18th	284·6	278·6	31st	290·0	*289·3*	+ 0·1	32	[illegible]
1168	Brisbane	27 28	153 2	41·8	1014·7	1019·2	+ 0·9	293·6	297·1	18th	284·1	278·7	11th	288·8	*288·2*	+ 1·1	32	[illegible]
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1017·0	1018·8	+ 1·7	291·2	293·0	12,13,19	286·8	282·7	28th	289·0	*288·6*	- 0·3	134	[illegible]

JULY - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean	Diff. from Normal	Precipitation: Total	Precipitation: Diff. from Normal
		S.	W.															
1221	Juan Fernandez	33 37	78 52	6	1013·1	1013·8	- 4·8	289·7	291·9	27th	284·6	279·4	13th	287·1	*286·9*	+ 1·2	138	[illegible]
1221a	Punta Tumbes	36 37	73 6	120	997·8	1012·3	- 4·7	286·1	289·2	5th	280·4	275·6	14th	283·3	*283·0*	+ 0·1	370	[illegible]
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1010·2	1015·2	- 2·6	289·1	296·0	15th	281·8	277·0	4th,5th	285·5	*285·4*	+ 0·7	100	[illegible]
1222a	Santiago	33 27	70 42	520	955·1	1016·6	- 1·9	286·8	293·7	16th	278·4	271·7	4th	282·6	*282·0*	+ 0·6	95	[illegible]
1223	Cordoba	31 25	64 12	423	965·4	1015·8	- 1·2	289·7	298·6	9th	275·7	268·0	3rd	282·7	282·0	- 1·2	6	[illegible]
1224	Bahia Blanca	38 45	62 16	28·7	1012·1	1015·6	- 0·9	285·6	293·0	30th	275·5	266·5	16th	280·6	280·4	- 0·7	7	[illegible]
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1013·9	1017·0	- 1·7	285·9	292·7	29th	277·4	269·7	16th	281·6	281·6	- 0·8	33	[illegible]
1226	øMontevideo (Prado)	34 52	56 12	24·9	1013·7	1017·0	- 0·9	286·2	294·0	19th	278·4	272·4	17th	282·3	*282·2*	- 1·1	58	[illegible]
1226a	Porto Alegre	30 2	W. 51 13	23·5	1015·3	1018·1	- 1·7	291·8	304·6	20th	281·6	274·0	17th	286·7	286·5	0·0	107	[illegible]
1239	Cape Town	33 56	E. 18 29	12·2	1021·3	1022·8	+ 1·7	290·7	302·1	19th	283·3	279·5	4th	287·0	*285·7*	+ 1·4	68	[illegible]
1240	Danger Point	34 37	19 18	27·7	..	..	..	288·8	291·9	31st	282·2	278·6	29th	285·5	..	- 0·6	35	[illegible]
1241	Riversdale	34 6	21 16	61·0	..	..	..	294·3	301·3	20th	278·6	273·0	11th,12th	286·4	..	+ 1·3	12	[illegible]
1242	East London	33 1	27 54	45·4	1017·1	1022·6	+ 1·6	292·7	298·0	4th	282·8	278·6	11th	287·7	..	- 0·4	39	[illegible]
1259	Perth (Observatory)	31 57	115 51	60·0	1010·1	1017·4	- 1·5	290·7	294·1	24th	282·2	278·0	21st	286·4	*286·5*	+ 0·5	258	[illegible]
1260	øKatanning	33 42	117 35	310	979·0	1016·0	- 1·8	287·7	291·4	25th	279·3	275·9	20th,21st	283·8	..	+ 1·0	109	[illegible]
1261	øCoolgardie	30 57	121 10	423	968·8	1018·5	- 1·1	289·8	296·6	14th	277·9	273·6	31st	283·8	*283·7*	+ 0·1	6	[illegible]
1262	Eucla	31 45	128 58	4·6	1016·7	1017·3	- 2·2	291·9	298·6	14th	280·1	273·0	20th	286·0	*285·8*	+ 0·5	12	[illegible]
1263	Streaky Bay	32 48	134 13	13·1	1017·4	1018·7	- 1·2	289·8	292·4	20th,21st	283·1	277·9	25th	286·4	*286·2*	+ 1·6	50	[illegible]
1264	Adelaide	34 56	138 35	42·7	1013·4	1018·7	- 1·5	289·2	291·8	4th	282·3	277·9	6th	285·8	*285·7*	+ 1·7	107	[illegible]
1265	Melbourne	37 49	144 58	35·1	1013·4	1017·6	- 1·3	287·3	289·9	17th	279·9	275·2	21st	283·6	*283·4*	+ 1·3	38	[illegible]
1266	Bourke	30 13	145 58	110	1009·3	1022·6	+ 1·2	289·9	296·9	21st	278·8	272·4	30th	284·3	..	+ 0·1	42	[illegible]
1267	Sydney	33 51	151 13	42·1	1012·9	1017·9	- 0·3	290·4	293·8	19th	282·1	279·1	16th	286·3	*285·4*	+ 1·7	100	[illegible]
1268	Lord Howe Island	31 20	159 0	4·9	1017·0	1017·6	+ 0·7	292·2	294·2	5th	286·9	282·4	24th	289·6	..	+ 0·7	184	[illegible]
1271	Auckland	36 51	174 48	13·4	..	1015·7	+ 1·2	286·7	288·9	24th	279·6	273·7	31st	283·2	..	- 0·7	89	[illegible]
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	284·3	289·7	20th	276·6	271·2	26th	280·4	..	- 2·0	109	[illegible]

JULY - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean	Diff. from Normal	Precipitation: Total	Precipitation: Diff. from Normal
1301	Chatham Island	S. 43 52	W. 176 42	45·7	..	1009·9	+ 0·9	..	..	..	..	..	..	..	..	..	32	[illegible]
1321	Isla Guafo	43 34	74 45	140	995·0	1012·1	- 2·1	281·0	283·8	27th,28th	277·9	273·6	19th	279·5	*279·5*	- 0·8	95	[illegible]
1322	øPunta Galera	40 1	73 44	40	1007·0	1011·9	- 3·6	285·3	288·5	17th	279·7	273·2	21st	282·5	*282·4*	+ 0·7	184	[illegible]
1323	Sarmiento	45 33	69 1	272	979·2	1012·8	- 0·4	279·0	287·5	6th,8th	269·4	260·3	17th	274·2	274·3	- 1·7	8	[illegible]
1324	Puerto Madryn	42 46	W. 65 2	14	1012·1	1013·8	- 0·2	284·2	293·0	8th	270·6	261·4	16th	277·4	278·8	- 1·3	13	[illegible]
1365	Launceston	41 27	E.147 10	81·1	1005·0	1014·8	+ 0·6	286·1	289·9	25th	278·4	273·6	9th	282·2	*281·8*	+ 2·3	133	[illegible]
1366	Hobart	42 53	147 20	53·9	1006·0	1012·5	- 1·0	286·0	288·8	4th	279·6	275·3	26th	282·8	*282·4*	+ 2·1	58	[illegible]
1369	Invercargill	46 25	168 21	3·7	..	..	..	281·3	284·7	15th	273·6	268·6	6th	277·4	..	- 1·0	70	[illegible]
1370	Alexandra	45 15	169 24	159	..	..	..	278·3	286·3	26th	269·8	265·2	30th	274·1	273·7	..	11	[illegible]
1371	Dunedin	45 52	170 31	6·1	..	1015·8	+ 1·8	281·2	286·6	15th	274·6	271·1	9th	277·9	..	- 0·9	53	[illegible]
1371a	Christchurch	43 32	172 39	7·6	..	1015·9	+ 3·1	281·4	287·2	26th	273·3	270·1	8th	277·3	..	- 1·6	74	[illegible]
1372	Wellington	41 16 S.	174 46 E.	128	..	1015·6	+ 2·3	282·7	286·9	3rd	276·8	273·2	23rd	279·8	279·8	- 2·1	94	[illegible]

JULY - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean	Diff. from Normal	Precipitation: Total	Precipitation: Diff. from Normal
		S.	W.															
1421	øIslota de los Evangelistas	52 24	75 6	55	999·9	1006·7	+ 4·0	277·3	281·2	6th	273·3	268·5	12th	275·3	*275·5*	- 1·6	93	[illegible]
1422	Magallanes (Punta Arenas)	53 10	70 54	28	1001·2	1004·7	+ 1·4	275·5	278·8	8th	270·3	266·5	sev. dates	272·9	*273·0*	- 2·2	21	[illegible]
1423	Punta Dungeness	52 24	68 26	5	1003·4	1004·0	+ 0·9	276·2	279·6	8th	271·6	269·0	19th,21st	273·9	*274·1*	- 1·8	10	[illegible]
1424	Santa Cruz	50 1	68 31	13	1006·7	1008·3	+ 1·5	275·4	283·6	8th	269·4	264·4	16th	272·4	272·4	- 2·3	18	[illegible]
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1001·4	- 2·0	276·3	280·8	7th,8th	269·6	265·8	4th,12th	272·9	..	- 2·1	52	[illegible]
1426	Cape Pembroke	51 41	57 42	21·3	997·9	1000·5	- 2·5	276·4	279·7	7th,8th	271·2	268·0	4th	273·8	274·2	- 1·4	..	[illegible]
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	992·3	992·8	- 5·0	272·5	278·3	10th	267·8	263·0	30th	270·1	*270·3*	- 0·9	138	[illegible]

JULY - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean	Diff. from Normal	Precipitation: Total	Precipitation: Diff. from Normal
1527	South Orkneys	S. 60 43	W. 44 47	7	995·4	996·3	+ 1·8	256·1	271·2	21st	247·2	240·2	17th	251·6	251·8	-10·5	12	[illegible]
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

øChange of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, AUGUST 1930

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF AUGUST, 1930 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° AND 70° N.

AUGUST - ZONE 1.

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean	Diff. from Normal	Precipitation: Total	Precipitation: Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 58	178 33	6·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1010·8	- 1·0	279·4	294·1	6th	273·9	269·7	18,19,21	276·7	..	- 0·3	25	+ 4
125	Upernivik	72 47	56 7	19·2	1013·1	1015·4	+ 4·2	282·3	288·7	4th	276·4	273·4	27th	279·3	*279·4*	+ 1·5	9	-19
131	Myggbukta	73 30	21 30	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	1014·0	1016·1	..	279·9	283·0	22nd	272·9	269·7	7th	276·4	*276·9*	..	46	..
135	Jan Mayen	70 59	W. 8 18	23·1	1010·6	1013·4	+ 1·6	..	285·8	22nd	278·5	275·0	2nd	..	*280·3*	+ 1·6	27	+ 1
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1016·9	1018·2	+ 6·0	..	285·2	6th	277·1	273·6	27th	..	279·1	+ 1·6	15	- 7
140	Björnöen	74 28	19 17	29·2	1012·5	1016·2	+ 4·4	..	283·6	1st	277·1	275·0	13th	..	*278·4*	+ 1·1	4	-23
141	Ingöy	71 4	24 6	4·3	1013·2	1013·7	+ 3·0	..	291·2	23rd	281·9	279·8	16th	..	*283·8*	+ 1·1	39	- 2
142	Sletnes	71 5	28 14	10·2	1014·2	1015·4	+ 4·9	..	291·9	18th	280·8	277·6	17th	..	*282·9*	..	37	..
143	Vardö	70 22	31 5	11·8	1014·1	1015·5	+ 4·1	..	291·0	19th	281·1	278·4	17th	..	*283·2*	+ 1·4	26	-23
147	Malye Karmakouly	72 23	52 43	15·3	1015·9	1017·7	+ 5·4	..	..	..	..	..	..	..	*280·7*	+ 1·7	..	..
148	Waigatz	70 24	58 47	11·2	1016·4	1017·8	+ 7·1	..	..	..	..	..	..	..	*278·2*	+ 1·0	34	+ 4
153	Dickson	73 31	80 23	13·0	1012·8	1014·4	+ 5·5	..	..	..	..	..	..	..	*276·6*	- 1·3	30	- 7
162	Bouloune	70 45 N.	127 47 E.	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N.

AUGUST - ZONE 2.

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean	Diff. from Normal	Precipitation: Total	Precipitation: Diff. from Normal
		N.	W.															
201	Preobrajenye	64 52	175 18	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	283·6	290·8	14th	278·3	271·9	27th	280·9	..	..	61	..
203	øNome	64 30	165 24	6·7	..	1010·5	..	284·2	288·0	8th,11th	278·4	272·4	24th	281·3	..	- 1·6	146	+66
204	Bethel	60 45	161 47	11·6	..	1013·9	..	288·3	299·1	10th	280·8	274·1	13th	284·6	..	+ 0·1	87	-19
205	øTanana	65 10	152 6	69·5	1004·7	1012·5	+ 1·7	289·3	297·4	9th	279·6	270·2	16th	2 4·4	‡284·4	- 0·6	173	+119
206	Rampart	65 30	150 15	114	..	..	..	289·6	297·4	9th	278·1	268·6	16th	283·9	..	- 2·2	94	+57
207	Valdez	61 7	146 16	122	..	..	..	287·5	297·4	30th	281·1	277·4	14th	284·3	..	..	150	..
208	øEagle	64 46	141 12	248	981·9	1012·2	+ 1·6	293·7	301·9	5,6,7	278·8	271·3	14,16,20	286·3	‡286·7	+ 1·5	102	+51
209	Dawson	64 4	139 29	324	973·9	1012·1	..	293·0	301·3	5th,6th	280·3	274·1	14,17,20	286·7	*286·6*	+ 1·3	39	+ 3
210	Aklavik	68 14	134 50	7·6	1007·6	1008·5	..	289·2	301·3	6th	280·3	272·4	16th,29th	284·7	*284·8*	..	25	..
211	øFort Good Hope	66 15	128 38	65·2	1006·4	1014·2	..	292·9	302·4	8th	279·4	268·0	17th	286·2	..	+ 1·6	34	+ 9
212	Fort Simpson	61 52	121 35	129	995·4	1010·7	..	296·0	301·9	15th	281·5	271·9	31st	288·7	*288·5*	+ 1·9	15	-22
213	Hay River	60 51	115 57	161	988·8	1007·9	..	294·4	303·6	15th	281·1	273·6	18th	287·7	*287·4*	+ 0·9	79	+35
225	Jacobshavn	69 13	51 2	31·6	1008·0	1011·9	+ 1·5	282·1	287·5	5th	277·6	274·4	23rd	279·9	*280·4*	+ 0·8	23	-13
226	Godthaab	64 10	51 43	20	..	..	..	283·8	288·8	1st	277·5	274·4	26th	280·7	*279·7*	+ 0·5	86	+ 7
227	Ivigtut	61 12	48 10	30·0	1009·9	1013·6	+ 3·8	285·4	291·4	7th	277·3	273·7	26th	281·3	*281·1*	- 0·4	59	-37
229	Angmagsalik	65 36	37 33	29·3	1011·5	1015·1	+ 2·9	283·6	287·2	3rd,20th	274·7	271·3	3rd	279·1	*278·9*	0·0	14	-46
231	Stykkisholm	65 5	22 46	25	..	1008·3	- 1·5	286·2	289·5	11th	280·2	276·3	4th	283·2	*282·5*	+ 0·3	68	+27
232	Vestmanno	63 24	20 17	132	..	1007·2	- 1·8	285·4	289·2	5th	281·6	279·7	5th	283·5	*283·0*	+ 0·5	92	+14
233	Grimsey	66 33	18 1	22	..	1009·6	- 1·1	282·9	286·3	23rd,29th	..	..	..	..	*280·5*	+ 0·7	66	+34
234	Teigarhorn	64 41	14 22	18	..	1008·2	- 1·3	286·1	290·5	3rd	280·0	276·3	1st	283·1	*282·8*	+ 1·4	280	+200
235	Højvig	62 3	6 45	22·9	1004·0	1006·8	- 3·1	287·4	292·3	7th	282·5	280·6	1st	284·9	*284·5*	+ 1·4	149	+57
236	Lerwick	60 8	W. 1 11	18·0	..	1007·2	- 2·6	288·7	291·9	27th	284·6	281·9	1st	286·6	*286·6*	+ 2·1	111	+35
237	Bergen (Fredriksberg)	60 24	E. 5 19	44·4	1003·9	1009·2	- 0·8	292·7	300·3	28th	285·9	282·7	24th	289·3	*288·6*	+ 2·0	160	+ 1
238	Aalesund	62 28	6 10	6·3	1008·5	1009·3	- 1·1	..	298·0	28th	286·8	284·8	2nd	..	*288·9*	+ 3·1	68	-44
239	Trondheim	63 26	10 25	59·2	1002·9	1009·9	+ 0·5	293·7	300·4	4th	285·2	280·9	27th	289·5	*289·2*	+ 3·2	57	-19
240	Bodö	67 17	14 26	17·0	1008·9	1010·9	+ 1·0	..	297·4	22nd	284·7	278·5	2nd	..	*288·5*	+ 3·4	83	+ 6
241	Haparanda	65 50	24 9	9·2	1010·0	1011·1	+ 0·9	292·5	301·5	21st	283·9	279·0	9th,11th	288·2	*288·2*	+ 2·4	75	+21
242	Helsingfors	60 10	24 57	11·7	1007·4	1008·8	- 1·4	293·3	297·8	29th	286·7	284·2	24th	290·0	*289·6*	+ 1·3	76	+ 2
242a	Kuopio	62 55	27 40	233	982·3	1009·7	- 0·5	292·1	301·5	20th	285·1	282·0	9th	288·6	*288·3*	+ 1·5	132	+59
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Arkhangelsk	64 34	40 31	6·3	1011·6	1012·4	+ 1·4	..	..	..	..	..	..	..	*290·5*	+ 4·0	84	+22
246	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 25	52 18	? 68	1006·7	1014·8	+ 4·1	..	..	..	..	..	..	..	*288·4*	+ 3·9	63	+ 1
248	Tcherdyn	60 24	56 31	?208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	*287·2*	+ 1·4	40	-20
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	1009·0	1014·8	+ 6·3	..	..	..	..	..	..	..	*286·4*	- 0·4	11	-71
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	1005·0	1008·5	- 1·4	..	..	..	..	..	..	..	*283·3*	- 2·0	36	-20
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	997·4	1010·1	+ 2·6	..	..	..	..	..	..	..	*288·4*	+ 0·6	15	-34
263	Verkholansk	67 33	133 24	100	991·6	1003·5	- 4·0	..	..	..	..	..	..	..	*284·6*	+ 1·0	13	-11
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	1007·8	1009·9	- 0·7	..	..	..	..	..	..	..	*284·2*	+ 1·3	29	- 9
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

øChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
302	∮St. Paul Island	57 15	170 10	28·0	..	1015·9	+ 6·2	283·1	286·3	24th	279·7	276·9	2nd	281·4	..	+ 0·3	52	-70
303	∮Dutch Harbour (Radio)	53 55	166 30	4·0	1019·0	1019·6	+ 8·0	289·2	297·4	29th	281·6	277·4	9th,13th	285·4	‡285·1	+ 1·6	25	-70
304	Chernofski Harbor	54 27	166 42	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	Dillingham	59 0	158 28	24·4	..	..	..	291·0	298·6	10th	281·7	275·8	2nd	286·3	..	+ 0·7	86	-56
306	∮Kodiak (Radio)	57 47	152 22	4·6	1013·3	1013·9	+ 2·8	290·6	300·2	27th	282·4	278·0	14th	286·5	‡286·1	+ 1·0	34	-70
309	Sitka	57 3	135 19	19·8	..	..	..	291·1	299·1	6th	283·6	279·1	30th	287·3	..	+ 1·2	157	-101
310	Prince Rupert	54 18	130 18	51·8	1012·0	1018·2	+ 1·0	294·2	299·7	10th	284·2	281·9	17,18,25	289·2	289·0	+ 2·4	21	-70
311	Prince George	53 50	122 48	570	948·8	1014·2	..	299·9	307·4	8th,9th	279·4	270·8	31st	289·7	289·5	+ 1·7	5	-70
312	Kamloops	50 41	120 29	385	971·5	1015·6	- 0·7	301·5	307·4	7th,11th	286·4	281·3	31st	293·9	294·1	+ 0·9	14	-70
313	Calgary	51 2	114 2	1058	895·9	1013·3	+ 1·6	298·6	305·8	7th	281·6	273·6	31st	290·1	289·6	+ 1·9	27	+10
314	Fort Smith	60 0	111 52	183	986·1	1007·7	..	295·2	302·4	15th	280·8	267·4	4th	288·0	287·9	+ 1·6	164	+70
315	∮Prince Albert	53 10	105 38	437	963·4	1013·8	+ 1·1	298·3	308·6	24th	284·3	275·2	31st	291·3	292·7	+ 3·0	23	-70
316	Qu'Appelle	50 30	103 47	651	940·7	1014·6	+ 2·0	298·9	308·0	14th,25th	284·5	277·4	12th	291·7	291·3	+ 2·3	24	-70
317	∮Minnedosa	50 15	99 50	515	955·8	1014·7	+ 2·0	299·8	306·9	25th	283·8	275·8	29th	291·8	291·4	+ 2·5	23	-70
318	∮Berens River	52 18	97 23	216	..	..	..	298·8	303·0	26th	284·9	277·4	16th	291·9	..	+ 1·9	19	-70
319	Pagwa	50 3	85 18	189	..	..	..	298·1	305·2	27th	280·4	271·3	12th	289·2	..	+ 0·6	41	-70
320	Moose Factory	51 14	80 30	9·1	1010·7	1011·8	..	293·7	301·3	27th	281·1	274·7	8th	287·4	287·6	- 0·4	..	-70
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	291·4	298·0	31st	282·1	276·3	1st	286·7	..	0·0	99	-70
323	Natashquan	50 8	61 48	6·1	..	..	..	292·2	298·0	30th	282·4	277·4	8th	287·3	..	+ 0·8	60	-70
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††59 10	††17 29	§(47)	..	..	..	Sea Temp. 285·0	1-0·5		..	..	..	..	285·1	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1009·7	1011·4	- 2·8	289·1	292·3	29th	284·7	279·7	5th	286·9	287·0	- 1·1	205	-70
335	Aberdeen	57 10	W. 2 6	26·0	1004·8	1007·9	- 3·4	289·7	295·2	27th	284·4	280·5	25th	287·1	286·9	+ 0·7	151	-70
336	Greenwich	51 28	0 0	46·3	..	1012·9	- 2·1	296·3	306·3	28th,29th	284·9	281·9	17,20,25	290·6	290·0	+ 0·8	70	-70
337	Uccle	50 48	E. 4 22	100	1002·7	1014·5	- 1·1	296·7	306·3	28th	285·5	280·4	20th	291·1	289·9	+ 0·9	73	-70
338	De Bilt	52 6	5 11	3·0	1013·0	1013·4	- 1·6	294·6	305·8	29th	285·5	281·3	20th	290·1	289·6	- 0·1	100	+30
338a	Hamburg	53 33	9 58	40·3	1008·2	1013·0	- 0·8	294·1	301·2	31st	285·6	283·4	8th	289·9	289·3	- 0·1	183	+70
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1011·2	1011·8	- 1·1	293·3	297·6	27th	285·6	282·0	21st	289·5	289·5	+ 1·5	60	-70
340	Potsdam	52 23	13 4	84·9	1004·3	1014·4	- 0·3	294·7	303·7	27th	285·0	282·2	21st	289·9	289·5	- 0·2	81	-70
340a	Uppsala	59 51	17 58	24	1006·8	1009·6	- 0·9	294·1	299·5	29th	284·1	279·6	28th	289·1	288·9	+ 0·5	142	-70
341	Warsaw	52 13	21 3	88·3	1003·2	1013·7	- 1·4	295·5	301·8	3rd	285·8	283·0	27th	290·7	289·7	..	154	-70
342	Tartu (Ülikooli)	58 23	25 43	80·8	999·6	1009·2	- 2·3	293·5	300·4	20th	285·9	281·2	15th	289·7	289·4	+ 1·2	128	-70
343	Leningrad	59 56	30 16	4·8	1008·4	1009·0	- 1·9	..	..	..	..	..	..	..	290·4	+ 1·8	157	..
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	993·2	1012·4	0·0	..	..	..	..	..	..	..	..	..	47	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	292·0	+ 3·2	..	..
346	Kasan	55 47	49 8	80·6	1006·7	1016·0	+ 4·5	300·5	307·8	17th	288·8	283·9	30th	294·7	294·4	+ 4·0	38	..
347	Orenburg	51 45	55 6	109	1003·4	1016·0	+ 3·6	..	..	..	..	..	..	..	296·3	+ 3·6	15	..
348	Perm	58 1	56 16	163	997·1	1016·2	+ 5·4	..	..	..	..	..	..	..	292·6	+ 3·5	57	..
349	Sverdlovsk	56 50	60 38	281	982·4	1015·3	+ 5·6	..	..	..	..	..	..	..	289·7	+ 2·0	75	..
350	Tobolsk	58 12	68 14	108	1002·2	1015·1	+ 5·1	..	..	..	..	..	..	..	289·2	+ 0·1	69	..
351	Akmolinsk	51 12	71 23	347	970·6	1011·0	+ 0·1	..	..	..	..	..	..	..	288·6	- 2·4	83	..
352	Omsk	55 1	73 19	108	998·7	1011·6	+ 2·2	..	..	..	..	..	..	..	287·8	- 1·6	46	..
353	Barnaoul	53 20	83 47	158	990·3	1008·9	- 1·0	..	..	..	..	..	..	..	288·3	- 1·5	138	..
354	Tomsk	56 30	84 58	123	993·4	1007·9	- 1·4	..	..	..	..	..	..	..	285·7	- 1·4	85	..
355	Minousinsk	53 43	91 41	249	979·8	1008·9	- 0·7	..	..	..	..	..	..	..	288·5	- 1·8	68	..
356	Eniseisk	58 27	92 10	81·2	998·0	1007·7	- 1·0	..	..	..	..	..	..	..	287·7	- 0·9	46	..
357	Irkutsk	52 16	104 19	467	953·9	1007·6	- 2·1	..	..	..	..	..	..	..	288·9	+ 1·1	61	..
358	Kirensk	57 47	108 7	278	976·4	1008·6	+ 0·2	..	..	..	..	..	..	..	291·2	+ 2·8	43	..
359	Tchita	52 2	113 30	685	929·7	1007·3	+ 0·2	..	..	..	..	..	..	..	288·9	+ 0·5	73	..
360	Nertchinskii Zavod	51 19	119 37	621	937·1	1007·6	+ 0·4	..	..	..	..	..	..	..	289·4	+ 0·5	115	..
361	Tygan Ourken	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	990·8	1007·2	+ 0·4	..	..	..	..	..	..	..	292·4	+ 0·4	100	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1006·8	1011·8	+ 3·6	..	..	..	..	..	..	..	288·1	- 0·8	24	..
366	Okhotsk	59 21	143 17	5·5	1011·5	1012·2	+ 1·9	..	..	..	..	..	..	..	286·2	+ 0·9	35	..
368	Petropevlovsk (Phare)	52 53	158 43	87·1	1003·1	1013·6	+ 3·8	..	..	..	..	..	..	..	283·3	- 1·5	201	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
‡See Table of Authorities, Remarks, pages 105-15. ∮Change of normals, see Table of Authorities, pages 105-15.
††Mean latitude and longitude of the observations. § Number of observations.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
411	Victoria, B.C.	48 24	123 19	70·1	1008·3	1016·7	+ 0·1	293·2	298·6	27th	284·9	283·6	22nd,26th	289·1	288·6	+ 0·7	4	-12
412	Portland, Oregon	45 32	122 41	46·6	1011·4	1016·6	+ 0·3	300·1	308·6	11th	288·0	283·6	21st	294·0	293·9	+ 1·9	2	-14
413	Macleod	49 44	113 24	953	..	..	..	302·1	307·4	8,10,25	283·3	274·1	31st	292·7	293·0	+ 2·8	10	-31
414	Helena	46 34	112 4	1257	875·5	1014·5	+ 0·6	301·1	306·9	8th	285·5	276·9	31st	293·8	293·4	+ 1·5	14	- 4
414a	Salt Lake City	40 46	111 54	1329	859·0	1014·2	+ 1·6	302·3	306·3	21st	291·3	288·6	15th	296·8	296·8	- 0·3	47	+26
415	Cheyenne	41 8	104 48	1856	817·9	1015·9	+ 1·3	298·1	303·6	20th	285·9	281·9	30th	292·0	291·8	+ 0·1	171	+133
416	North Platte	41 8	100 45	860	917·8	1014·9	+ 0·2	303·6	311·9	2nd	290·6	286·9	28th	297·1	296·8	+ 1·7	44	-16
416a	Bismarck	46 47	100 38	510	955·5	1014·9	+ 0·6	301·8	309·1	6th	287·9	280·2	10th	294·8	294·8	+ 2·0	43	- 6
417	Winnipeg	49 53	97 7	232	988·0	1015·0	..	300·8	306·3	30th	286·6	279·7	10th	293·7	293·1	+ 3·0	25	-30
418	Duluth	46 47	92 6	345	976·5	1016·9	+ 2·0	300·8	309·1	1st	287·7	280·2	12th	294·2	293·1	+ 4·1	7	-75
419	∮Port Arthur	48 27	89 12	196	993·4	1016·3	+ 1·7	298·1	304·7	4th	285·1	280·2	12th	291·6	291·2	+ 3·4	53	-19
420	Chicago	41 47	87 35	205	993·2	1017·6	+ 1·7	299·8	309·7	3rd	292·2	286·3	12th	296·0	295·5	+ 0·3	30	-47
421	Toronto	43 40	79 24	116	1002·6	1016·2	+ 0·6	299·5	308·0	4th	287·8	280·8	12th	293·7	293·3	+ 1·1	23	-48
422	∮New York (Central Park)	40 47	73 58	47·4	1010·6	1016·1	- 0·4	300·6	308·6	5th	291·6	285·8	13th	296·1	295·7	- 0·2	110	- 2
423	∮St. John, N.B.	45 17	66 4	36·3	1012·0	1016·3	..	294·3	299·7	27th	285·4	281·9	12th	289·9	289·4	+ 0·6	115	+17
424	S.W. Point, Anticosti	49 24	63 33	9·1	1014·2	1015·3	..	289·4	291·9	4,23,29	285·5	283·0	11th,12th	287·5	287·5	+ 1·0	59	-29
424a	Sable Island (Main Station)	43 57	60 6	7·6	1016·8	1017·7	..	292·8	294·7	1st,3rd	288·8	284·1	8th	290·8	290·7	+ 0·7	98	+13
425	Port aux Basques	47 35	59 10	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	942·0	1016·4	+ 2·1	302·9	306·7	11th,24th	290·5	286·9	6th	296·7	296·1	+ 0·1	0	- 7
436	Nantes	47 15	W. 1 34	36·5	1011·9	1016·2	- 1·0	295·8	305·1	28th	286·4	279·0	20th	291·1	290·9	+ 0·4	65	+18
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1010·4	1016·4	- 0·2	296·8	306·9	29th	286·3	281·4	17th	291·5	291·3	+ 0·6	81	+31
438	Marseille	43 18	5 23	75	..	1016·8	+ 1·4	300·7	307·7	24th	289·1	284·5	17th	294·9	294·1	- 0·3	9	-12
438a	Zürich	47 23	8 33	493	961·3	1018·2	+ 1·0	297·0	303·3	28th	285·7	281·2	17th	291·4	290·2	- 0·2	129	0
439	Rome	41 54	12 29	45·5	1011·1	1016·4	+ 1·4	303·4	307·8	26th	291·0	287·5	10th	297·2	297·2	+ 0·1	29	+ 3
440	Vienna	48 15	16 22	203	992·7	1016·4	+ 1·0	295·6	300·5	22nd	286·8	282·3	16th	291·2	291·0	- 1·5	107	+38
440a	Budapest	47 31	19 1	130	1000·4	1015·6	+ 0·5	299·8	306·4	22nd	288·1	284·3	18th	293·9	293·4	- 0·3	29	-20
441	Sofia	42 42	23 20	550	952·6	1014·8	+ 0·1	300·3	306·2	7th,8th	287·3	282·5	19th	293·8	293·9	+ 0·6	23	-31
442	Bucharest	44 25	26 6	82	1004·8	1014·3	+ 0·4	302·9	311·6	8th	289·8	285·5	11th	296·3	295·9	+ 0·7	62	+11
443	Odessa (Observatory)	46 26	30 46	42·8	1009·1	1014·0	- 0·3	299·0	306·5	7th	290·2	284·7	31st	294·6	294·5	- 0·2	18	-14
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1007·5	1011·8	- 0·4	..	..	..	..	..	..	..	..	..	..	..
445	Tiflis	41 43	44 48	404	965·8	1011·0	- 0·5	306·2	310·0	10th,17th	293·3	287·4	28th	299·8	299·5	+ 2·6	147	+109
446	Astrakhen	46 21	48 2	-20	1016·3	1014·0	+ 1·0	..	..	..	..	..	..	..	..	..	..	..
447	Fort Alexandrovsk	44 31	50 7	-23·0	1014·8	1012·2	+ 0·8	..	..	..	..	..	..	..	298·8	+ 2·6	11	-27
448	Krasnovodsk	40 0	52 59	-4·6	1011·6	1011·1	+ 1·0	..	..	..	..	..	..	..	299·8	+ 2·3	13	+ 1
449	Kasalinsk	45 46	62 8	66·7	..	..	..	..	..	..	..	..	..	..	300·4	+ 2·7	21	+ 9
450	Tashkent	41 20	69 18	479	954·0	1007·5	+ 0·6	305·5	310·5	7th	287·8	280·1	22nd	296·6	296·9	- 0·7	0	- 5
451	Andijan	40 47	72 23	503	950·7	1006·4	..	306·1	309·5	7th	292·3	285·2	22nd	299·2	298·4	..	2	- 8
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	294·5	..	49	..
461	Moukden	41 46	123 24	44·3	1000·1	1005·1	- 1·6	302·7	307·2	1st	292·2	286·0	27th	297·5	297·1	+ 0·5	96	-55
462	Joshin	40 40	129 12	31·9	1004·2	1007·9	- 0·4	300·5	303·8	12th	293·2	287·8	30th	296·9	296·2	+ 1·1	196	+51
463	Fuki	42 20	130 24	63·8	1000·8	1008·2	0·0	297·4	303·0	9th	291·5	288·1	30th	294·5	294·3	- 0·1	240	+60
464	Vladivostok	43 7	131 54	128	993·4	1008·3	- 1·2	..	..	..	..	..	..	..	293·5	- 0·3	123	+13
465	Dchisi	47 20	142 47	27·4	1007·8	1011·1	+ 1·2	293·0	304·7	3rd	285·6	278·2	28th	289·3	289·2	- 0·8	317	+219
466	Nemuro	43 20	145 35	26·7	1008·1	1011·3	- 0·2	294·6	300·2	15th	287·5	280·0	28th	291·1	290·6	+ 0·6	92	-18
466a	Syana	45 14	147 53	39·3	1007·1	1011·8	+ 0·3	292·8	299·6	18th	285·2	276·7	28th	289·0	288·9	+ 0·1	175	+76
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

AUGUST - ZONE 5 (AMERICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature										Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
508	35°-30°N. 145°-140°W.	††31 51	††142 14	§(34)	..	1022·3	- 1·0	..	..	Sea Temp. 294·7	0·0	..	..	..	293·6	- 0·6	..	..
511	San Francisco	37 48	122 26	47·2	1009·6	1015·2	+ 1·2	292·9	298·0	20th	285·8	284·1	6th	289·4	288·9	+ 2·1	0	- 1
512	Sacramento	38 35	121 30	21·0	1010·4	1012·8	+ 1·3	304·8	309·7	11th	286·6	283·6	4th	295·7	295·8	0·0	0	0
513	San Diego	32 43	117 10	26·5	1010·4	1013·5	+ 1·0	297·1	302·4	1st	291·5	289·1	20th	294·3	293·9	+ 1·1	0	- 2
514	Modena	37 48	113 54	1668	836·2	1013·2	+ 0·7	301·2	304·7	29th	285·2	281·9	19th	293·2	292·8	- 0·4	69	+31
515	Santa Fé	35 41	105 57	2138	792·6	1013·5	+ 1·3	299·6	303·6	21st	286·1	283·0	15th	292·8	292·4	+ 0·4	51	-10
516	Denver	39 45	105 0	1613	841·5	1015·9	+ 1·4	301·1	305·8	3rd	289·0	285·8	17th	295·0	294·2	+ 0·4	51	+15
517	Abilene	32 23	99 40	530	954·5	1013·9	+ 0·6	309·6	313·6	19th	295·7	290·8	29th	302·7	301·8	+ 2·1	15	-47
518	Saint Louis	38 38	90 12	173	996·1	1016·2	+ 0·7	305·1	313·6	4th	294·8	288·0	22nd	299·9	299·9	+ 1·7	7	-81
519	Mobile	30 41	88 2	17·4	1014·9	1016·9	+ 1·2	305·1	308·0	13th	295·6	291·3	23rd	300·3	299·5	+ 0·7	94	-85
520	Nashville	36 10	86 47	166	997·8	1017·3	+ 0·9	305·3	313·6	9th	293·1	287·4	22nd	299·2	299·0	+ 0·9	119	+29
521	Charleston	32 47	79 56	14·6	1015·1	1016·9	+ 0·2	303·2	307·4	29th	295·6	289·7	23rd	299·4	299·1	- 0·3	44	-124
522	Washington	38 54	77 3	34·1	1012·0	1015·9	- 0·3	304·0	311·9	5th	291·8	285·8	13th	297·9	297·4	+ 1·4	16	-89
524	Bermuda	32 17	64 46	38·1	1014·1	1019·4	..	303·2	305·2	3rd	296·8	294·1	22nd	300·0	299·7	- 0·2	98	-40
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. § Number of observations. ∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
530	Santa Cruz (Flores)	39 27	31 9	40	1017·2	1021·9	- 1·2	298·4	302·7	22nd	293·5	289·6	27th	296·0	295·7	+ 0·7	132	+39
531	Horta	38 32	28 38	65	1014·1	1022·0	- 0·8	298·6	302·0	9th	292·9	290·1	26th	295·7	295·3	0·0	107	+30
532	Ponta Delgada	37 44	25 40	22	1018·8	1021·5	- 0·8	297·2	299·6	10th	292·2	290·3	27th	294·7	295·0	+ 0·1	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	69	+1
533	Madeira (Funchal)	32 38	16 55	25	1017·6	1020·5	+ 1·2	298·3	302·0	26th	293·4	291·3	14th	295·9	296·1	+ 0·8	5	+1
535	Lisbon	38 43	9 9	95	1006·7	1017·7	+ 0·8	301·2	310·7	15th	291·7	287·5	6th	296·5	296·1	+ 1·4	5	+1
535a	ϕMelilla	35 17	2 59	40	1012·6	1017·2	+ 1·1	302·1	307·8	12th	296·1	293·6	7th	299·1	299·0	+ 0·2	3	+1
836	Gibraltar	36 6	5 21	27·4	..	1016·9	+ 0·2	302·7	306·9	12th	293·2	290·8	7th,16th	297·9	296·9	+ 0·5	0	-1
536a	Colomb-Béchar	31 37	W. 2 13	769	928·8	1011·0	+ 0·6	312·6	316·5	8th	298·0	293·5	25th	305·3	304·7	+ 1·0	0	-1
537	Palma	39 34	E. 2 39	23	1015·2	1017·9	0·0	304·6	309·8	25th	290·6	287·4	14th	297·6	297·5	- 0·9	5	+1
538	Algiers (University)	36 46	3 13	59	1010·1	1016·9	+ 1·2	301·7	308·0	5th	295·0	292·9	4th	298·3	297·8	+ 0·1	0	-1
538a	Gadames	30 8	9 30	351	..	..	..	313·0	320·5	7th	294·3	289·5	25th	303·7	..	- 1·9	0	-1
539	Tunis	36 48	10 10	66	1008·8	1016·4	+ 1·0	304·3	311·7	3rd	292·8	288·6	18th	298·5	298·4	- 0·6	0	+1
540	Malta	35 54	14 31	71·2	..	1016·2	+ 1·9	301·4	306·3	3rd	295·0	291·9	18th	298·2	297·5	+ 1·0	39	+1
541	Athens	37 58	23 43	107	1000·3	1012·5	+ 0·6	306·0	311·5	8th	295·7	292·3	20th	300·9	300·3	+ 0·7	1	-1
542	Alexandria	31 12	29 53	32·0	1006·8	1010·6	+ 0·5	303·5	304·4	10th,26th	297·1	295·4	14th	300·3	299·6	+ 0·4	0	-1
543	Ankara (Angora)	39 58	32 48	861	914·9	1008·9	- 1·8	303·2	310·0	10th	288·6	281·3	29th	295·9	296·3	..	50	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1006·4	+ 0·2	309·8	314·1	8th,9th	293·5	289·7	12th,15th	301·7	..	+ 0·5	0	-1
544	Beirut	33 54	35 28	33·7	..	1007·5	- 0·7	305·5	308·1	9th	297·4	295·7	16th	301·4	301·2	+ 1·0	0	-1
545	Hinaidi	33 17	44 29	32·9	997·4	1000·9	+ 0·6	318·5	322·1	4th	299·1	295·7	22nd	308·8	309·3	+ 1·4	3	-1
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	867·9	994·7	..	306·4	308·3	13th,30th	293·2	289·9	24th	299·8	299·5	- 2·1	0	-1
548	Meshed	36 17	59 36	946	..	..	..	305·7	309·8	30th	..	..	..	..	..	..	0	-1
549	Seistan	31 2	61 30	9610	947·1	..	..	308·8	311·9	6th	296·8	289·4	31st	302·8	..	- 1·6	0	-1
550	Quetta	30 10	67 1	1647	830·4	..	+ 0·3	306·4	308·6	8th	289·2	284·7	28th,29th	297·8	297·5	0·0	0	-1
551	Peshawar	34 1	71 35	355	960·6	999·4	- 0·8	311·3	314·7	21st	299·6	295·8	11th	305·4	304·9	+ 1·0	3	-1
551a	Lahore	31 35	74 20	214	976·4	999·9	0·0	310·0	313·6	25th	299·6	295·8	12th	304·8	304·3	+ 0·7	41	-1
552	Simla	31 6	77 10	2202	778·3	..	+ 0·1	292·6	295·2	14,15,26	287·7	285·8	29th	290·1	289·8	- 0·5	372	-1
552a	Leh	34 9	77 34	3503	665·1	..	0·0	296·6	299·0	16th	282·0	277·7	30th	289·3	287·9	- 1·0	0	-1
558	Sian	34 31	109 5	365	960·9	1001·0	..	307·4	313·2	5th	297·4	291·0	31st	302·4	302·0	..	96	-1
559	Hankow	30 35	114 17	**39·1	..	1005·5	0·0	305·6	310·7	14th	297·8	291·7	27th	301·7	301·3	- 0·3	292	+1
560	Tientsin	39 9	117 9	6·4	..	1005·4	- 1·5	303·6	307·0	1st	294·9	290·2	26th	299·3	298·8	0·0	254	+1
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1004·4	1005·2	- 0·7	306·6	308·7	14th	297·0	293·1	22nd	301·8	300·7	+ 0·8	123	-1
562	Jinsen (Chemulpho)	37 29	126 38	70·4	998·9	1006·9	- 0·4	303·3	309·9	12th	295·3	290·2	30th	299·3	298·9	+ 1·3	154	+1
562a	Nagasaki	32 44	129 52	133	992·4	1007·4	- 0·9	303·6	308·0	9th	296·7	294·9	3rd	300·1	299·5	- 0·1	351	+1
563	Kyoto	35 1	135 44	42·9	1004·2	1009·1	+ 0·2	306·6	309·8	24th	295·7	292·0	27th	301·1	300·5	+ 1·4	51	-1
564	Tokyo	35 41	139 46	5·8	1009·6	1010·2	+ 0·2	303·6	306·5	24th	296·4	293·6	8th	300·0	299·8	+ 1·4	52	-1
565	Hukusima	37 45	140 28	68·5	1002·1	1009·9	+ 0·2	304·9	308·4	6th	295·0	291·8	28th	299·9	299·1	+ 1·8	89	-1
566	Miyako	39 38	141 59	30·4	1006·5	1010·0	- 0·4	302·5	308·6	7th	293·2	288·7	29th	297·9	297·0	+ 2·0	89	-1
		N.	E.															

AUGUST - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
601	ϕMidway Island	28 13	177 22	5·8	1014·3	1014·9	..	303·4	305·2	24th	294·6	291·9	10th	299·0	298·4	+ 0·2	33	-1
605	Honolulu	21 19	157 52	11·6	1013·6	1015·2	- 1·4	301·4	302·4	19th	296·9	294·7	31st	299·2	298·9	+ 0·4	24	-1
613	Guaymas	27 55	110 53	8·3	1010·8	1011·7	..	309·6	313·5	26th	299·7	295·0	11th	304·7	303·5	+ 0·1	10	-1
615	Leon	21 7	101 41	1809	822·3	1010·5	0·0	300·5	303·6	16th	285·9	283·0	29th	293·2	292·7	- 0·8	117	-1
616	Monterry	25 40	100 18	528	953·8	1012·0	+ 1·5	307·2	310·0	14th	295·0	292·3	27th	301·1	300·7	+ 0·4	29	-1
617	Tulancingo	20 5	98 22	2181	791·7	..	+ 0·2	295·9	299·2	15th	281·6	277·6	16th	288·7	288·0	- 1·3	54	-1
618	Galveston	29 18	94 50	16·5	1014·7	1016·9	+ 1·5	304·3	306·3	1st	298·8	292·4	25th	301·6	301·1	+ 0·4	69	-1
618a	New Orleans	29 57	90 4	16·2	1014·9	1016·6	+ 1·4	305·3	308·6	7th	297·1	294·1	29th	301·2	300·7	+ 0·4	241	-1
619	Merida, Yucatan	20 58	89 38	22	1012·7	1015·2	+ 0·1	305·1	306·2	sev.dates	296·8	295·4	9th	300·9	300·1	+ 0·3	72	-1
620	Havana	23 7	82 25	77·0	1006·2	1015·0	- 0·5	305·0	307·3	17th	297·0	295·0	6th	301·0	300·6	..	23	-1
620a	Key West	24 33	81 48	6·7	1015·1	1015·9	+ 0·2	304·9	306·3	12th	298·7	295·8	22nd	301·8	301·8	+ 0·1	104	-1
621	Nassau, Bahamas	25 5	77 20	9·6	..	1018·1	+ 1·7	304·7	306·3	11,12,17	298·4	296·3	15th	301·6	301·7	+ 0·3	113	-1
622	San Salvador(Watling Island)	24 6	74 26	33·5	1013·5	1017·3	- 0·1	..	305·8	27th	..	299·7	5,8,9	..	302·3	+ 0·1	..	..
633	Port Etienne	20 56	17 3	4	1012·9	1013·4	..	303·7	317·5	31st	292·8	291·0	7th	298·3	297·1	..	0	-1
634a	ϕIsaña	28 19	16 30	2367	774·0	..	+ 1·0	295·7	299·3	12th	287·1	283·1	7th	291·4	290·5	+ 0·6	0	-1
634	La Laguna	28 28	16 20	547	953·3	1015·5	- 0·2	300·2	308·3	26th	286·7	284·1	21st	293·5	292·7	- 1·7	0	-1
636	Adrar	27 52	W. 0 17	?285	981·3	1012·1	..	..	..	..	298·0	295·0	22nd	..	310·0	..	0	-1
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	865·9	1005·7	..	307·7	310·6	18th	293·9	288·8	16th	300·8	301·3	..	15	-1
639	Sebha	27 1	14 27	424	..	..	..	..	..	..	..	..	..	..	..	..	0	-1
640	Hon	29 8	15 56	263	..	..	..	309·0	314·8	5th	291·5	289·1	1st	300·3	..	..	..	-1
641	Giarabub	29 45	24 31	49	..	..	..	310·1	314·9	10th	294·5	292·4	31st	302·3	..	..	0	-1
642	Siwa	29 12	25 29	-23	1013·0	1010·3	- 0·9	309·9	313·3	10th	291·9	289·5	14th,15th	300·9	300·6	- 1·1	..	-1
643	Cairo (Helwan)	29 52	31 20	116	995·8	1008·7	- 0·1	308·2	310·0	3,5,27	294·8	293·0	30th	301·5	301·3	+ 0·5	0	-1
643a	Aswan	24 2	32 53	100	994·8	1005·6	- 0·7	315·6	319·0	26th	300·2	296·5	13th	307·9	307·4	+ 1·8	..	-1
644	Tor	28 14	33 37	1·9	1005·5	1005·6	+ 0·2	307·1	312·2	28th	298·4	295·2	20th	302·8	302·1	+ 0·5	0	-1
		N.	E.															

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
**Height changed from 37·0 m. to 39·1 m. from August 1st.

†Estimates not based on at least six equally spaced observations each day are in italics.
ϕChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	E.															
647	Bushire	28 59	50 49	4·3	999·8	1000·3	..	309·0	311·5	23rd	301·9	298·6	26th	305·4	304·8	+ 0·1	0	0
648	Jask	25 45	57 45	4·0	999·9	1000·4	..	308·6	312·3	27th	302·2	299·6	25th	305·4	304·8	+ 0·6	0	0
649	Karachi	24 48	66 59	4·0	1002·2	1002·7	+ 0·7	302·1	303·6	4th,5th	298·1	296·9	13th,14th	300·1	299·5	- 0·6	1	-41
650	Jacobabad	28 17	68 29	56·7	993·2	999·5	+ 0·4	311·4	314·7	7th	300·4	298·0	4 days	305·9	305·3	- 1·1	0	-25
651	Jaipur	26 55	75 50	436	955·1	1003·2	+ 1·2	305·8	309·7	29th,30th	296·6	295·2	4 days	301·2	300·3	- 0·6	129	-73
652	Nagpur	21 9	79 7	310	935·7	1004·1	+ 0·7	303·7	306·9	22nd	296·1	294·1	14th	299·9	299·1	- 0·2	151	-145
653	Allahabad	25 26	81 50	94·2	990·8	1001·5	+ 0·4	304·7	308·0	29th	298·9	297·4	30th	301·8	301·2	- 0·3	209	-89
653a	Darjeeling	27 3	88 16	2265	772·8	..	- 0·8	292·7	294·7	5th	287·2	285·9	17th	289·9	289·6	+ 0·5	484	-179
654	Calcutta	22 32	88 20	6·4	1001·1	1001·9	0·0	304·3	306·3	5th	299·1	297·4	29th	301·7	301·6	+ 0·6	373	+50
655	Gauhati	26 11	91 45	59·7	996·9	1003·6	- 0·3	305·4	308·1	6th	298·6	296·2	30th	302·0	301·2	+ 0·2	401	+138
655a	Cherrapunji	25 15	91 44	1313	864·0	..	- 0·5	294·9	299·1	6th	291·6	290·8	19th	293·3	292·8	0·0	2447	+419
656	Akyab	20 8	92 55	6·1	1004·5	1005·3	+ 0·1	301·3	302·9	30th	297·6	295·9	15th	299·5	299·6	- 0·6	1307	+159
656a	Mandalay	21 59	96 6	76·2	997·1	1005·6	+ 0·1	306·4	308·9	30th	299·1	297·5	1st	302·7	302·3	- 0·1	39	-77
657	Tengyueh	25 0	98 40	1634	830·8	1001·2	..	296·2	300·2	4th	290·2	288·0	31st	293·2	292·5	- 0·2	241	-37
658	Pmu Lien	20 48	106 38	116	..	1004·0	+ 0·9	305·0	308·8	20th	298·2	296·8	2nd	301·6	301·1	+ 0·3	176	-154
659	Moncay	21 31	107 58	9·0	..	..	..	305·5	308·3	20th	297·9	295·6	27th	301·7	301·1	+ 0·3	498	-99
660	Hongkong	22 18	114 10	33·2	..	1005·8	+ 1·0	303·5	306·2	19th	298·8	295·9	25th	301·2	300·8	+ 0·2	154	-212
661	Amoy	24 26	118 4	4·9	1005·9	1006·4	+ 1·7	304·6	307·4	19th,20th	299·1	298·0	sev.dates	301·9	301·2	- 0·7	52	-116
661a	Taihoku, Formosa	25 2	121 31	9·3	1005·7	1006·7	+ 1·8	306·6	308·9	12th	296·8	295·5	10th,25th	301·7	301·1	+ 0·2	122	-184
662	Basco	20 28	121 59	18·7	..	1006·4	+ 1·7	304·4	305·8	1st,30th	298·3	296·4	27th	301·3	300·9	+ 0·1	228	-169
665	Naha	26 12	127 39	29·5	1003·6	1006·9	+ 0·7	303·0	304·4	31st	298·2	297·1	16th,17th	300·6	300·5	- 0·3	80	-192
	Ititizima (Bonin Islands)	27 5	142 11	4·1	1005·7	1006·2	- 2·3	303·7	305·9	5th	298·2	296·5	30th	300·9	300·4	+ 0·3	156	-16
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

AUGUST - ZONE 7.

715	Colima	N.	W.															
716	Morelia	19 12	103 45	498	957·8	1013·1	+ 1·0	306·2	309·0	13th	293·6	291·8	13th	299·9	299·1	+ 0·6	144	-30
717	Mexico, Tacubaya	19 42	101 7	1923	811·2	1011·2	0·0	295·7	298·4	15th	286·5	284·6	1st	291·1	290·6	+ 0·1	91	-54
718	Salina Cruz	19 24	99 12	2309	776·7	..	+ 0·5	295·6	297·9	15th	282·3	280·4	16th	288·9	288·1	- 0·9	112	-14
719	San Salvador	16 12	95 12	56	1004·8	1011·1	- 0·9	306·4	307·6	29th	297·9	295·0	18th	302·1	302·5	+ 1·5	33	-110
720	Belize	13 42	89 13	682	937·9	1013·2	+ 0·8	307·1	308·6	7th,11th	291·2	289·4	30th	299·1	297·3	+ 0·7	99	-208
721	Jamaica (Negril Pt.)	17 31	88 11	5·2	1013·7	1014·3	+ 0·9	302·8	303·6	15,20,23	296·7	293·3	25th	299·7	299·3	- 1·1	96	-65
722	Port au Prince	18 15	78 23	10·1	..	1014·4	+ 0·5	305·3	306·6	7th	295·9	294·9	12th	300·6	300·4	+ 0·7	131	-34
724	Caracas	18 33	72 20	37·4	1010·4	1014·7	+ 0·2	306·8	308·8	1st	295·3	293·1	29th	301·0	301·1	+ 0·4	175	+39
724a	San Juan, Porto Rico	10 30	66 56	1043	898·6	1012·8	..	300·4	303·0	25th,26th	289·8	287·8	4th	295·1	292·6	- 0·6	53	-55
725	Grenada (Richmond Hill)	18 29	66 7	25·0	1012·9	1015·9	0·0	303·0	306·9	26th	297·6	295·2	12th	300·3	300·1	+ 0·4	89	-99
	Barbados	12 5	61 46	188	992·8	1014·1	+ 1·3	303·7	305·2	26th	296·3	294·7	21st	300·0	299·4	+ 0·5	38	-199
731	São Vicente, C. Verde Is.	13 8	59 36	57·9	..	1014·2	+ 0·4	304·0	306·0	30th	296·1	294·3	18th,20th	300·1	299·9	+ 0·3	61	-122
732	São Tiago, C. Verde Is.	16 54	25 4	11	1012·1	1013·3	+ 0·8	301·4	303·5	23rd	297·6	296·5	3,7,11	299·5	299·5	+ 0·9	16	-23
733	Dakar	14 54	23 31	34	1009·7	1013·6	+ 0·1	301·9	304·0	23rd	297·7	296·0	4th	299·8	299·9	0·0	3	-90
734	Bathurst (Cape St. Mary)	14 40	17 26	32	..	1012·7	..	303·5	306·1	31st	296·6	293·5	25th	300·0	299·2	- 0·5	245	0
735	Niénébalé	13 29	16 40	15·9	..	..	..	302·0	308·6	12th	295·9	294·1	8th,9th	298·9	299·2	- 0·3	631	..
736	Kabare	12 57	7 26	300	..	..	..	303·3	305·2	10th	294·4	292·8	8th	298·9	298·4	..	264	..
737	Sokoto	16 45	W. 3 1	273	..	..	..	308·3	312·6	10th	296·7	293·0	1st	302·5	301·6	..	27	..
738	Kaduna Capital	13 2	E. 5 14	354	..	..	..	303·7	306·9	17th	294·6	291·3	29th	299·2	298·5	- 0·3	212	- 9
739	Hadelja	10 32	7 25	?637	..	..	..	301·0	304·1	17th	..	..	..	..	295·3	0·0	307	- 6
740	Maiduguri	12 40	10 5	?2	..	..	..	304·5	306·9	21st,26th	295·6	293·0	27th,29th	300·1	299·4	+ 0·8	113	-103
741	Fort Flatter	11 47	13 11	361	..	..	..	304·9	309·1	4th	..	..	..	..	299·0	+ 0·1	244	+35
743	El Obeid	13 32	25 18	730	926·6	1007·0	..	306·9	310·0	8th,24th	293·2	291·5	21st,22nd	300·0	298·4	0·0	101	-38
743a	Khartoum	13 11	30 14	563	947·0	1009·6	+ 1·1	305·9	311·5	10th	293·2	290·0	25th,26th	299·6	298·5	- 0·5	163	+51
744	Port Sudan	15 37	32 33	?390	965·4	1008·4	+ 0·5	309·9	314·2	3rd	297·7	293·3	28th	303·8	303·5	- 0·4	157	+85
745	Berbera, Somaliland	19 37	37 13	5·5	1005·0	1005·6	+ 0·4	315·1	319·6	6th	302·6	299·6	3rd	308·8	307·6	+ 0·9	0	- 3
746	Aden	10 26	45 2	13·8	1003·7	1005·3	+ 0·4	313·8	316·3	11th	305·3	303·6	25th	309·5	308·8	+ 0·7	0	- 2
		12 49	45 2	29·9	1002·1	1005·4	+ 0·9	307·1	311·3	14th	300·9	297·4	16th	304·0	304·2	+ 0·7	5	+ 2
751	Bombay	18 54	72 49	11·3	1006·3	1007·5	+ 0·7	302·5	304·1	30th	297·7	296·3	5th,6th	300·1	299·8	0·0	169	-182
752	Kodaikanal	10 14	77 28	2343	770·2	..	+ 0·7	290·6	293·7	11th	284·1	282·8	10th	287·3	286·8	+ 0·1	123	-55
752a	Bangalore	12 58	77 35	921	908·7	1009·1	+ 0·7	302·0	304·7	28th	291·9	290·6	18th	296·9	296·0	+ 0·9	39	-97
753	Madras	13 4	80 15	6·7	1006·0	1006·9	- 0·3	308·6	311·3	14th	298·6	295·8	30th,31st	303·6	303·0	+ 0·8	94	-24
754	Vizagapatam	17 42	83 18	38·4	999·6	1003·9	+ 0·4	305·1	308·2	16th	298·8	296·8	26th	301·9	301·3	- 0·4	109	-27
756	Port Blair	11 40	92 43	18·0	1006·5	1008·5	+ 0·3	302·8	303·9	26th	298·3	295·8	6th	300·5	299·9	+ 0·2	447	+73
757	Rangoon	16 46	96 11	5·5	1007·4	1008·1	+ 0·6	302·7	304·7	31st	297·2	294·5	7th	299·9	299·0	0·0	591	+86
758	Cap St. Jacques	10 20	107 5	180	..	1010·2	..	302·5	303·7	28th	296·6	294·5	2nd	299·6	299·1	+ 0·1	128	-25
759	Whatreng	12 15	109 12	3·6	..	1006·8	..	305·0	307·2	24th	296·8	295·7	1,2,26	300·9	300·4	+ 0·9	89	+41
	Bolinao	16 23	119 53	2	..	1007·0	+ 1·5	303·8	305·5	28th,31st	297·1	295·6	4th	300·5	300·1	+ 0·4	271	-340
761	Vigan	17 34	120 23	12·2	..	1006·8	+ 0·9	304·0	306·0	30th	297·6	296·0	18th	300·8	300·1	+ 0·3	492	-229
761a	Manila	14 35	120 59	14·2	..	1007·9	+ 0·8	303·7	305·6	31st	297·2	295·3	28th	300·5	299·9	- 0·1	185	-229
762	Ormoc	11 0	124 36	5·6	..	1007·9	+ 0·7	304·6	306·6	26th	296·3	294·8	27th	300·5	300·3	+ 0·2	180	-64
765	ϕGuam, Ladrone Is.	13 24	144 38	18·6	..	1006·1	- 1·0	303·2	305·4	30th	297·8	295·6	19th	300·5	300·6	+ 0·3	402	+16
766	Saipan	15 14	145 46	207	984·4	1004·5	..	301·5	303·2	31st	296·8	294·3	19th	299·1	299·0	..	307	..
		N.	E.															

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
ϕChange of normals, see Table of Authorities, pages 105-15.

AUGUST - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	§Fanning Island	3 54	159 23	5·3	1010·8	1011·4	+ 0·3	304·3	306·9	7th	298·3	295·2	28th,29th	301·3	300·9	+ 0·1	210	
821	Cristobal	9 23	79 54	11·0	..	1010·6	- 0·2	303·3	304·7	8th	298·3	296·3	3rd,16th	300·8	300·2	+ 1·2	364	
822	Bogota	4 36	74 5	2645	747·0	..	+ 0·6	291·0	293·9	19th	282·8	280·2	29th	286·9	286·3	- 0·1	90	
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	
823	Ciudad Bolivar	8 9	63 33	38	1008·5	1012·8	+ 0·9	306·0	307·6	22nd	..	..	..	..	..	..	33	
824	El Peru, Guayanavieja	7 19	61 49	220	986·2	1011·1	0·0	303·8	306·9	30th	296·3	295·3	6th	301·1	300·5	+ 0·6	128	
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·9	+ 0·1	303·1	304·4	22nd	295·3	293·6	4th	299·6	299·0	+ 1·0	117	
826	Paramaribo	5 49	55 9	3·7	1012·7	1013·1	- 0·3	305·5	307·0	25th	297·3	295·2	21st	300·2	300·0	+ 0·2	69	
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	295·8	294·2	8th	300·7	300·1	+ 0·5	76	
831	10°-5°N. 30°-25°W.	††7 4	††27 5	§(51-83)	..	1015·1	+ 1·5	..	..	Sea Temp. 299·6	..	..	..	..	..	..	..	
833	§Konakri	9 31	13 43	16	..	..	..	..	..	+0·2	..	..	..	..	299·5	+ 0·5	..	
834	Freetown, Sierra Leone	8 29	13 14	55·0	1007·1	1013·4	+ 2·3	300·3	302·4	1,19,30	..	..	..	..	..	..	..	
835	Assuantsi	5 18	1 15	97·3	1002·3	1013·5	..	298·8	301·3	1st	294·6	293·0	7,21,24	297·4	297·0	- 0·7	586	
836	Accra	5 33	W. 0 12	17·7	1011·9	1014·0	+ 0·1	301·6	304·7	31st	293·3	288·0	1st	296·1	295·7	- 0·7	43	
837	Lagos	6 27	E. 3 24	3·0	1011·2	1011·5	- 1·5	301·1	303·0	25th	295·8	292·4	1st	298·7	298·3	+ 0·6	1	
838	Victoria, Nigeria	4 1	9 12	15·5	1010·2	1012·0	..	302·3	304·7	26th,29th	296·4	294·1	27th	298·7	298·2	+ 0·2	17	
839	Yola	9 12	12 30	259	..	..	..	303·7	306·6	17th	293·6	291·3	8,13,16	297·9	297·3	..	1220	
841	§Wau	7 42	28 3	440	961·9	1010·8	+ 0·8	305·8	308·0	10th,24th	295·4	293·0	27th	299·6	299·1	+ 0·7	268	
843	Malakal (Kolok)	9 35	31 37	394	966·7	1010·8	- 0·2	305·7	308·8	14th,23rd	293·6	291·5	30th	299·7	299·0	+ 1·3	156	
843a	Mongalla	5 11	31 47	448	961·2	1011·4	+ 0·3	306·8	309·9	23rd	294·8	293·0	11th	300·2	298·5	+ 0·8	169	
844	Entebbe	0 5	32 29	1171	885·3	1011·8	+ 0·5	298·3	300·2	13th	293·6	292·2	16th	300·2	298·5	+ 1·0	67	
845	Sheikh	9 55	45 15	1463	..	..	..	302·0	305·2	12th	289·5	288·6	sev.dates	293·9	293·9	+ 0·7	15	
851	Minicoy	8 18	73 0	2·7	1011·0	1011·4	+ 0·3	303·2	304·7	14th	290·4	288·6	9th,31st	296·2	295·5	..	24	
851a	Cochin	9 58	76 14	2·7	1010·9	1011·3	+ 0·5	300·9	302·0	27th	298·3	295·9	17th	300·7	300·1	..	312	
852	Colombo Observatory	6 54	79 52	7·3	..	1010·2	+ 1·1	302·6	303·2	16th,19th	297·1	295·3	18th	299·0	298·4	- 0·2	222	
853	Nuwara Eliya	6 58	80 46	1881	813·5	1011·3	+ 0·6	292·7	296·2	9th	297·4	295·3	2nd	300·0	298·4	0·0	49	
854	Trincomalee	8 35	81 15	30·2	..	1006·6	+ 0·5	306·4	308·3	19th	285·2	282·7	13th	288·9	288·2	+ 0·3	194	
855	Kuta Raja	5 32	95 20	7·1	..	1008·9	- 0·6	..	..	..	297·7	295·2	24th	302·1	301·5	- 0·1	146	
856	Medan	3 35	98 41	25	..	1009·8	+ 0·5	304·4	307·9	2nd	..	..	..	..	..	..	91	
857	Penang	5 34	100 20	5·0	..	..	..	305·3	307·4	6th,8th	295·0	292·7	1st	299·7	299·0	+ 0·3	79	
857a	Butterworth	5 25	100 22	2·1	..	1008·5	..	304·2	306·3	26th	296·8	295·8	6th,12th	301·1	300·6	+ 0·9	150	
858	Singapore (Mt. Faber)	1 16	103 49	90·5	999·5	1009·8	+ 0·1	305·2	306·3	9th,23rd	296·2	294·7	8,11,30	300·2	299·8	..	96	
859	Sandakan	5 50	118 7	31·7	..	..	..	305·2	306·3	5th	298·2	295·2	11th	301·7	300·8	..	40	
860	Iwahig	9 44	118 38	14·3	..	1008·3	+ 1·0	304·4	306·5	1st	297·0	295·8	13th,31st	301·1	301·3	+ 0·4	209	
861	Tagbilaran	9 38	123 51	2113	..	1008·4	+ 0·5	305·0	307·6	4th	295·9	294·2	28th	300·1	299·7	+ 0·4	315	
861a	Menado	1 30	124 50	8·5	..	1010·6	+ 1·8	305·0	307·6	17th	297·0	295·5	14th	301·1	300·5	0·0	182	
862	Surigao	9 48	125 29	6·0	..	1008·4	+ 0·7	304·1	306·9	18th	294·6	290·2	10th	299·8	299·9	+ 0·2	..	
863	§Kolonie, Yap	9 29	138 8	29·3	..	1008·7	+ 0·4	304·0	306·4	26th	297·6	295·6	1st	300·9	300·5	- 0·2	249	
864	Palau	7 20	134 29	31·8	1006·1	1009·7	..	302·5	303·6	17th	297·5	295·1	4th	300·0	299·8	+ 0·1	429	
867	Ponape	6 58	158 13	38·9	1004·6	1009·0	..	302·0	303·7	13th	297·8	295·0	28th	300·1	300·0	..	145	
		N.	E.								296·1	294·5	19th	299·1	298·9	..	519	

AUGUST - ZONE 9. BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		S.	W.															
902	Atafu	8 32	172 31	1·8	1010·4	1010·6	..	301·7	303·3	10th	300·3	298·1	11th	301·0	300·7	..	355	
920	Lambayeque	6 46	80 55	15	1011·4	1013·2	..	300·2	302·2	17th	289·1	287·3	1st	294·7	293·3	..	0	
921	Quito	0 14	78 30	2816	727·9	..	- 0·1	295·1	296·9	31st	280·0	276·6	11th	287·5	286·2	+ 0·3	61	
923	Senna Madureira	9 4	68 40	135	..	..	..	306·8	310·0	5th,24th	293·2	283·9	13th	300·0	298·6	..	101	
923a	São Gabriel do Rio Negro	0 8	67 5	85·0	1002·2	1011·9	..	304·6	307·0	31st	295·4	293·9	5th,23rd	300·0	298·4	..	56	
924	Manaos	3 8	60 1	43·8	..	..	..	306·3	307·6	26th,28th	295·0	293·9	29th	300·6	300·8	+ 0·5	30	
926	Taperinha	2 30	54 20	21·5	1010·6	1013·1	+ 0·4	304·9	306·1	19th	295·2	294·2	16th	300·0	299·0	+ 0·4	22	
927	Turyassu	1 43	45 26	9·1	1011·8	1012·8	0·0	304·9	306·6	25th	294·9	294·0	8th	299·9	299·4	+ 0·5	9	
928	Barra do Corda	5 30	45 16	81·0	1003·6	1013·1	..	307·2	309·8	29th	291·0	287·9	9th	299·1	298·0	+ 0·1	0	
929	Quixeramobim	5 16	39 15	207	991·5	1014·8	+ 0·9	304·8	305·6	16th	297·2	296·2	10th	301·0	300·9	+ 0·9	0	
930	Fernando Noronha	3 50	32 25	106	1003·0	1015·1	+ 0·3	300·5	301·2	11,14,31	296·5	294·7	5th	298·5	297·7	+ 0·7	28	
934	Ascension Island	7 56	W. 14 25	16·8	1015·7	1017·6	+ 0·9	..	..	..	..	..	..	..	297·2	0·0	14	
939	Loanda	8 49	E. 13 13	59·3	..	1015·6	+ 0·2	295·4	298·0	6th	290·5	288·0	12th	292·9	292·4	- 0·4	0	
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	
942	Tshibinda	2 19	28 45	2115	..	..	..	294·4	299·4	..	281·6	279·9	..	288·0	288·9	..	66	
943	Masaka	0 20	31 44	1280	..	..	..	300·6	302·4	12,24,28	289·9	288·6	17th,20th	295·3	294·6	..	9	
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	823·1	1017·5	..	293·4	298·2	13th	283·7	279·7	3rd	288·6	287·7	..	12	
944a	Zanzibar	6 10	39 12	17·1	1016·9	1018·8	+ 0·5	300·4	301·7	28th,31st	295·6	294·2	21st	298·0	297·1	+ 0·1	68	
945	Lamu	2 16	40 50	3·0	..	..	..	300·3	301·3	27th	295·0	292·4	5th	297·7	297·3	- 1·1	26	
947	Seychelles, Port Office	4 37	55 27	4·6	1012·6	1013·1	+ 0·2	300·0	301·1	15th	296·2	295·0	26th	298·1	297·2	- 0·6	47	
957	Padang	0 56	100 22	6·7	..	1010·5	- 0·1	304·0	306·2	6th	296·4	295·2	27th	300·2	299·7	+ 0·5	546	
958	Batavia	6 11	106 50	8·0	1010·1	1011·0	+ 0·6	304·8	306·1	7th	296·1	294·8	4th	300·5	300·1	+ 1·0	9	
958a	Pontianak	0 1	109 20	2·6	..	1010·2	+ 0·3	305·7	307·3	16th	296·5	293·6	4th	301·1	300·4	+ 0·6	80	
959	Pasuruan	7 38	112 55	5·0	..	1011·7	+ 0·6	303·7	305·6	27th	294·3	291·0	23rd	299·0	299·3	+ 0·3	1	
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	0	
962	Amboina	3 42	128 10	4·2	..	1012·4	+ 1·2	301·1	302·6	30th	295·6	293·1	10th	298·3	298·3	+ 0·5	6	
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	23	
965	Daru	9 4	143 13	7·6	..	1012·9	+ 0·6	300·9	..	..	295·9	..	..	..	..	..	118	
966	Port Moresby	9 29	147 9	38·4	..	1013·4	+ 1·5	301·1	..	..	295·3	..	..	298·4	298·0	+ 0·3	17	
967	Rabaul	4 9	152 12	12·5	1008·7	1010·1	+ 0·7	304·8	306·8	10th	294·9	293·4	5th	299·9	299·3	- 0·2	76	
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?302·2	?304·7	10th	?297·0	?295·5	9th,19th	?299·6	?299·4	- 0·4	174	
970	Ocean Island	0 52	169 35	42·6	1005·4	1010·4	- 0·1	303·7	305·8	23rd	298·2	296·9	9th,14th	300·9	300·2	- 0·1	166	
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

AUGUST - ZONE 10.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1011·9	- 0·2	301·8	303·9	30th	296·0	293·5	10th	298·9	298·8	- 0·2	5	-87
1003	§Alofi, Niue Island	19 2	169 55	19·8	..	1015·7	- 0·2	298·8	301·9	5,6,13	291·1	287·4	16th	294·9	294·7	- 1·2	46	-77
1021	Lima	12 5	77 3	111	1001·5	1014·6	..	294·1	297·2	5th	287·8	284·0	1st	290·9	289·9	..	6	..
1022	Arica	18 28	70 20	5	1013·1	1013·7	..	292·2	293·7	31st	287·0	285·0	7th	289·6	289·8	+ 1·5	2	+ 2
1024	La Paz, Bolivia	16 30	68 8	3658	658·0	..	- 0·3	288·4	294·6	23rd	275·3	272·2	2nd	281·9	280·3	- 0·7	42	+28
1025	Corumba	18 59	57 39	116	998·8	1012·0	- 1·1	302·9	309·4	27th,31st	290·8	282·4	19th	296·8	296·8	+ 0·7	11	-14
1026	Cuyaba	15 36	56 6	165	993·1	1011·8	- 0·7	307·5	310·8	31st	291·6	285·4	19th	299·6	298·5	+ 0·9	1	-28
1027	Bello Horizonte	19 56	43 56	895	916·7	1015·8	- 1·5	300·8	303·8	sev.dates	286·6	283·2	12th	293·7	293·2	+ 2·2	25	+ 9
1028	Castite	14 3	42 37	897	917·3	1015·9	- 0·8	300·9	303·8	18th	287·1	284·0	10th	294·0	294·7	+ 1·4	0	-12
1029	Ondina (Bahia)	13 0	38 31	46·6	1011·4	1016·8	- 0·9	299·5	300·9	26th	293·6	289·0	12th	296·7	296·6	..	32	..
1030	Aracaju	10 55	37 3	6·1	1016·4	1017·2	- 0·6	299·8	300·9	24th	293·6	289·0	12th	296·7	296·6	..	32	..
1035	§St. Helena	15 57	W. 5 40	579	949·7	1017·4	+ 0·2	288·0	290·2	22nd	284·9	284·1	5th,30th	286·5	286·5	- 0·6	75	+12
1039	Mossamedes	15 12	E. 12 9	12·5	1015·7	1017·2	..	..	..	..	294·8	21st	..	283·5	5th	..	..	0	..
1041	Livingstone	17 51	25 51	972	909·8	1017·6	..	301·2	307·4	24th,26th	283·1	275·8	2nd	292·1	..	+ 0·3	0	0
1041a	§Elisabethville	11 39	27 28	1230	878·4	1012·4	- 1·1	300·6	303·8	23rd	280·3	276·3	3rd	290·5	..	- 0·7	0	0
1042	Gwelo	19 26	29 45	1411	..	..	..	295·4	301·9	22,24,26	279·5	273·6	6th	287·5	..	- 1·0	0	- 2
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	857·0	1019·3	- 0·1	295·9	301·9	22nd	280·6	275·1	1st	288·2	287·6	- 0·4	0	- 2
1044	Zomba	15 23	35 18	955	910·6	1016·0	- 0·5	296·5	301·3	22nd,23rd	285·1	281·3	2nd,4th	290·8	290·1	- 0·5	1	- 8
1045	Mossuril	14 57	40 40	15	..	1019·0	..	301·2	305·3	12th	289·8	287·1	6th	295·5	295·5	..	5	..
1046	Antananarivo	18 55	47 33	1375	869·1	1021·1	+ 0·5	293·5	298·5	11th	281·9	276·8	2nd	287·7	286·2	- 0·9	15	+ 7
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1012·3	1013·0	- 0·5	301·5	302·3	14th,21st	297·1	295·1	29th	299·3	298·9	+ 0·4	49	-71
1057	Christmas Island	10 25	105 43	5·5	1010·6	1011·3	+ 0·8	302·4	304·1	24th,26th	295·9	293·0	1st	299·2	298·7	- 0·2	63	+ 8
1061	Kupang	10 10	123 34	45	1007·1	1012·2	- 0·1	304·8	308·2	25th	294·4	291·1	22nd	299·6	298·8	+ 0·2	0	- 3
1061a	§Derby	17 18	123 40	16·2	1013·6	1015·3	+ 0·3	305·1	309·4	30th	290·1	286·9	13th	297·6	..	+ 0·9	0	- 2
1062	Hall's Creek	18 13	127 46	373	974·1	1016·0	+ 0·3	303·3	306·9	31st	284·1	281·0	23rd	293·7	293·0	+ 0·1	0	- 2
1063	Darwin	12 28	130 51	29·6	1010·1	1013·5	+ 1·0	304·3	306·4	22nd,24th	294·3	291·4	6th	299·3	298·1	0·0	0	- 2
1064	Daly Waters	16 16	133 23	211	990·9	1014·7	+ 0·6	304·6	308·6	29th	286·2	280·2	18th	295·4	294·7	- 0·3	0	- 3
1065	Palmerville	15 56	144 8	210	990·6	1014·4	+ 0·6	303·7	306·6	26th,30th	287·5	283·0	5,12,15	295·6	..	- 0·1	0	- 2
1066a	Georgetown, Queensland	18 22	143 32	302	981·6	1015·9	- 0·1	303·4	306·9	20th,21st	284·8	276·9	14th	294·1	..	- 0·2	17	+12
	Willis Island	16 18	149 59	8·5	1014·0	1015·2	0·0	299·1	300·9	27th,30th	294·4	292·2	5th	296·7	296·4	- 0·1	17	+ 2
1067	Samarai	10 37	150 40	6·1	..	1013·8	+ 0·8	302·3	..	..	295·5	..	..	..	..	..	..	
1072	Suva, Fiji	18 8	178 26	6·1	1014·1	1014·8	+ 0·5	298·2	305·2	12th	292·4	289·1	3rd,4th	295·3	295·1	- 0·8	46	-165
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S. AUGUST - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	296·8	299·1	3rd	289·1	284·1	16th	293·0	292·8	- 1·4	53	-61
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1013·1	1015·9	- 2·1	289·6	291·6	24th	284·4	280·6	18th	287·0	286·7	+ 1·5	119	+100
1122	§Antofagasta	23 42	70 24	94	1003·8	1015·0	- 3·2	292·8	297·0	5th	286·0	284·0	16th,17th	289·4	288·8	+ 2·4	28	+27
1123	Catamarca	28 29	65 47	528	955·4	1017·0	+ 1·7	291·9	299·8	22nd	280·3	274·0	19th	286·1	286·1	- 1·9	41	+35
1124	Salta	24 46	65 24	1182	..	..	..	..	..	..	..	..	..	..	..	..	4	- 1
1125	Goya	29 9	59 15	37	1011·8	1016·2	- 0·2	293·2	307·8	2nd	282·4	275·5	18th	287·8	287·0	- 1·2	69	+32
1126	§Asuncion	25 17	57 41	93	1005·4	1016·3	+ 0·6	297·4	309·0	27th	287·1	279·4	19th	292·2	292·3	- 0·9	68	+27
1127	Curityba	25 25	49 17	908	915·7	1018·3	- 0·6	293·1	300·2	2nd	282·4	274·1	19th	287·8	287·0	+ 0·7	115	+32
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1015·4	1017·6	- 1·2	297·6	303·4	4th	290·9	287·8	19th	294·2	294·2	+ 0·7	34	-11
1139	Windhoek	22 34	E. 17 6	1727	833·0	1018·6	..	294·3	300·6	31st	280·3	269·8	11th	287·3	286·8	- 0·7	0	- 2
1140	§Kimberley	29 36	17 52	933	914·5	1021·3	+ 0·3	290·4	299·1	30th	279·9	273·6	26th	285·2	284·6	- 0·1	62	+40
1141	Johannesburg	28 44	24 46	1218	884·6	1021·6	+ 0·1	293·2	299·6	30th	277·7	273·3	22nd	285·4	284·9	- 0·5	7	+ 1
1142	Bulawayo	26 11	28 4	1806	826·4	1021·9	- 0·5	290·3	297·5	25th	278·2	273·1	12th	284·3	283·9	- 1·1	17	+ 4
1143		20 9	28 35	1349	871·7	1020·0	- 1·0	296·4	303·0	25th	279·8	274·7	12th,13th	288·1	287·9	- 1·0	0	0
1144	Durban	29 52	31 3	15·2	1019·2	1021·0	- 1·3	294·7	297·7	17th	286·4	282·0	1st	290·6	290·2	- 0·5	48	+ 4
1147	Lourenco Marques	25 58	32 36	59·5	..	1021·0	- 0·7	297·2	307·8	25th	286·4	281·8	1st	291·8	291·3	- 0·6	9	- 6
	Mauritius	20 6	57 33	55·2	1015·2	1021·7	+ 1·2	296·3	298·0	14th	289·4	285·5	18th	292·9	292·4	- 0·6	36	-24
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

AUGUST - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	¢Onslow	21 43	114 57	4·3	1014·9	1015·3	- 0·8	299·6	304·4	15th	286·1	280·2	21st	292·8	..	+ 0·6	5	
1160	¢Cue	27 27	117 52	454	965·8	1018·3	- 0·2	293·6	300·2	25th	281·7	275·6	1st	287·6	..	+ 0·5	21	
1161	Nullagine	21 53	120 5	386	..	..	..	298·8	304·7	26th	282·7	276·9	22nd	290·7	..	0·0	38	
1162	Laverton	28 40	122 23	466	965·2	1019·0	- 0·7	293·2	301·3	26th	280·4	273·2	1st	286·8	286·7	+ 0·6	35	
1163	Alice Springs	23 38	133 37	587	951·2	1018·4	+ 0·3	295·7	302·4	28th,31st	279·5	275·2	16th	287·6	287·4	- 0·1	3	
1164	William Creek	28 55	136 21	76·2	1009·9	1018·8	- 0·9	293·6	299·1	18th	280·4	274·6	5th	287·0	286·7	+ 0·5	13	
1164a	Boulia	22 55	139 38	146	999·5	1016·5	- 0·4	299·1	307·0	30th	281·7	277·1	5th	290·4	290·2	- 0·1	0	
1165	Thargomindah	27 58	143 43	123	1003·2	1017·8	- 1·3	294·4	302·6	30th	281·2	276·2	12th	287·8	287·5	+ 0·4	9	
1166	Mitchell	26 32	147 52	336	979·5	1019·0	- 0·4	294·2	301·3	29th	277·0	269·9	13th	285·6	..	0·0	44	
1167	Rockhampton	23 24	150 30	11·3	1016·7	1018·0	- 0·8	297·7	301·8	21st	284·8	277·5	13th	291·2	290·3	- 0·1	36	
1168	Brisbane	27 28	153 2	41·8	1013·5	1018·0	- 1·1	295·0	300·8	30th	283·3	278·6	14th	289·1	288·6	+ 0·2	45	
1170	Norfolk Island	29 4	167 59	14·9	1016·7	1018·6	+ 0·3	291·5	293·8	25th,26th	286·9	282·7	14th	289·2	288·8	+ 0·3	199	
		S.	E.															

AUGUST - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 52	6	1015·6	1016·3	- 4·2	287·9	290·9	2nd	283·1	277·1	18th	285·5	285·2	0·0	139	
1221a	Punta Tumbes	36 37	73 6	120	999·4	1013·9	- 4·7	286·8	290·4	10th	280·9	278·0	16th	283·9	283·6	+ 0·7	117	
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1010·7	1015·7	- 2·6	289·7	296·0	11th,12th	282·0	280·0	16th,17th	285·9	285·8	+ 0·7	248	
1222a	Santiago	33 27	70 42	520	955·5	1016·8	- 1·9	287·9	294·8	4th	279·2	274·4	23rd	283·5	283·0	+ 0·1	191	
1223	Cordoba	21 25	64 12	423	967·5	1017·9	+ 1·2	288·6	97·2	12th	277·4	270·0	18th	283·0	282·7	- 2·2	26	
1224	Bahia Blanca	38 45	62 16	28·7	1016·8	1020·3	+ 3·2	286·0	293·3	26th	276·0	269·9	4th	281·0	280·9	- 1·5	29	
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1016·1	1019·2	+ 0·7	286·7	293·7	12th	278·5	272·2	18th	282·6	282·4	- 1·2	59	
1226	¢Montevideo (Prado)	34 52	56 12	24·9	1016·2	1019·5	+ 1·3	285·7	291·8	26th	278·9	272·9	23rd	282·3	282·3	- 1·4	73	
1226a	Porto Alegre	30 2	W. 51 13	23·5	1014·6	1017·4	- 1·4	290·6	301·7	2nd	283·9	276·3	26th	287·3	287·0	- 0·5	334	
1239	Cape Town	33 56	E. 18 29	12·2	1019·6	1021·1	+ 1·2	291·4	297·9	6th	281·7	276·3	26th	286·6	285·2	+ 0·5	62	
1240	Danger Point	34 37	19 18	27·7	..	..	..	288·3	294·1	1st	282·3	276·9	27th	285·3	..	- 0·8	54	
1241	Riversdale	34 6	21 16	61·0	..	..	..	294·6	303·0	6th	278·3	273·0	27th	286·4	..	+ 0·2	20	
1242	East London	33 1	27 54	45·4	1014·7	1020·1	+ 0·2	293·7	303·0	9th	283·5	280·1	7th	288·6	..	0·0	61	
1259	Perth (Observatory)	31 57	115 51	60·0	1011·5	1018·7	- 0·1	290·7	295·4	14th	282·8	278·0	2nd	286·8	286·8	+ 0·5	124	
1260	¢Katanning	33 42	117 35	310	981·0	1017·9	0·0	288·8	292·7	14th	280·1	275·8	19th	284·4	..	+ 1·0	26	
1261	¢Coolgardie	30 57	121 10	423	969·3	1018·8	- 0·2	291·2	298·9	25th	279·3	275·2	28th	285·3	285·2	+ 0·4	41	
1262	Eucla	31 45	128 58	4·6	1017·0	1017·6	- 0·4	291·8	301·3	26th	281·4	277·4	14th	286·6	286·3	+ 0·2	42	
1263	Streaky Bay	32 48	134 13	13·1	1016·9	1018·4	- 1·1	290·3	298·6	26th	282·3	278·6	4,11,23	286·3	286·0	+ 0·5	50	
1264	Adelaide	34 56	138 35	42·7	1012·5	1017·6	- 1·6	289·3	295·7	26th	280·9	277·4	4th	285·1	285·0	- 0·1	89	
1265	Melbourne	37 49	144 58	35·1	1011·5	1015·8	- 2·2	287·2	293·9	27th	279·8	274·0	23rd	283·5	283·1	- 0·1	75	
1266	Bourke	30 13	145 58	110	1007·3	1020·5	- 0·8	292·5	299·7	19th,20th	279·3	274·1	16th	285·9	..	- 0·7	24	
1267	Sydney	33 51	151 13	42·1	1010·6	1015·5	- 2·6	291·3	299·4	29th	281·8	278·7	6th	286·6	285·8	+ 0·7	28	
1268	Lord Howe Island	31 20	159 0	4·9	1015·3	1015·9	- 2·7	292·2	293·6	14th	286·1	281·3	18,19,23	289·1	..	+ 0·5	146	
1271	Auckland	36 51	174 48	13·4	..	1014·4	- 0·4	288·8	291·2	30th	281·4	274·1	2nd	285·1	..	+ 0·9	86	
1272	Napier	39 29	176 55	1·5	..	..	..	286·3	292·7	24th	278·9	272·4	15th,16th	282·6	..	- 0·3	109	
		S.	E.															

AUGUST - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 52	176 42	45·7	..	1014·0	+ 3·2	..	..	..	..	..	..	..	..	..	61	
1321	Isla Guafo	43 34	74 45	140	997·8	1014·9	- 0·4	281·3	284·6	28th	278·2	273·1	2nd	279·7	279·7	- 0·4	90	
1322	¢Punta Galera	40 1	73 44	40	1009·9	1014·8	- 2·5	285·7	288·5	19th	278·6	273·2	3rd	282·1	282·1	+ 0·2	189	
1323	Sarmiento	45 33	69 1	272	984·1	1017·7	+ 5·4	281·2	287·7	25th	270·2	260·9	8th	275·7	275·8	- 2·5	9	
1324	Puerto Madryn	42 46	W. 65 2	14	1018·1	1019·8	+ 5·9	284·7	292·2	22nd	272·2	263·0	16th	278·4	279·6	- 1·9	15	
1365	Launceston	41 27	E.147 10	81·1	1003·7	1013·5	- 0·7	286·3	289·3	26th	277·3	272·4	5th	281·8	281·3	+ 0·8	130	
1366	Hobart	42 53	147 20	53·9	1005·3	1011·9	- 1·4	286·1	289·9	17th	278·2	274·8	6th	282·1	281·6	+ 0·2	36	
1369	Invercargill	46 25	168 21	3·7	..	..	..	283·8	287·4	17,27,28	273·9	268·6	2nd,3rd	278·9	..	- 0·7	52	
1370	Alexandra	45 15	169 24	159	..	..	..	281·9	287·2	19th,29th	270·7	263·6	2nd	276·3	276·2	..	7	
1371	Dunedin	45 52	170 31	6·1	..	1014·5	+ 1·3	283·3	289·7	20th	276·1	272·4	1st	279·7	..	0·0	88	
1371a	Christchurch	43 32	172 39	7·6	..	1014·5	+ 1·7	282·9	289·1	20th	275·8	269·9	1st	279·4	..	- 0·4	93	
1372	Wellington	41 16	174 46	128	..	1014·7	+ 0·2	284·7	290·8	28th	279·2	275·3	7th	281·9	281·6	- 0·3	115	
		S.	E.															

AUGUST - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	¢Islota de los Evangelistas	52 24	75 6	55	1005·5	1012·3	+ 9·5	278·5	280·6	31st	274·3	269·7	1st	276·4	276·6	- 0·7	97	
1422	Magallanes (Punta Arenas)	53 10	70 54	28	1007·2	1010·7	+ 6·8	278·1	281·2	16th	272·8	266·5	2nd	275·5	275·2	- 0·2	23	
1423	Punta Dungeness	52 24	68 26	5	1009·9	1010·5	+ 7·8	277·0	280·5	23rd	272·0	268·0	7th	274·5	274·4	- 1·6	19	
1424	Santa Cruz	50 1	68 31	13	1012·5	1014·1	+ 7·5	276·7	281·6	25th	270·2	256·0	3rd	273·4	273·3	- 3·2	14	
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1009·5	+ 4·6	278·2	283·0	26th	270·9	266·9	13th	274·6	..	- 1·0	36	
1426	Cape Pembroke	51 41	57 42	21·3	1005·9	1008·5	+ 4·7	276·9	280·8	16th,26th	272·3	269·7	1,14,15	274·6	274·9	- 1·0	..	
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	997·1	997·6	- 1·7	272·8	280·5	23rd	267·8	259·8	19th	270·3	270·6	- 0·7	229	
		S.	W.															

AUGUST - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	60 43	44 47	7	993·6	994·5	- 0·7	267·1	274·9	16th	256·4	241·5	2nd	261·8	262·2	- 1·1	42	
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

¢Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, SEPTEMBER 1930

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF SEPTEMBER, 1930
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

SEPTEMBER - ZONE 1.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 58	178 33	6·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1014·9	+ 2·1	275·7	283·0	10th	271·2	266·9	16th	273·4	..	+ 1·3	4	- 5
125	Upernivik	72 47	56 7	19·2	1015·4	1017·7	+ 9·3	278·5	289·1	4th	274·1	266·0	28th	276·3	276·1	+ 2·3	51	+24
131	Myggbukta	73 30	21 30	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	?1018·4	?1020·5	..	?275·3	?284·6	3rd	?269·7	?265·6	27th	?272·5	?273·4	..	..	..
135	Jan Mayen	70 59	W. 8 18	23·1	1016·7	1019·5	+11·8	..	284·2	6th	275·5	270·3	30th	..	277·3	+ 1·1	21	-29
139	Svalbard Radio (Spitsbergen)	**78 13	E**15 38	**53·0	1011·0	1017·7	+ 9·8	..	279·8	6th	271·9	265·3	27th	..	273·4	..	3	..
140	Björnöen	74 28	19 17	29·2	1012·7	1016·4	+10·0	..	281·0	13th	274·4	269·7	27th	..	275·5	- 0·2	..	..
141	Ingöy	71 4	24 6	4·3	1014·0	1014·5	+ 7·3	..	283·3	1st	277·1	273·0	29th	..	278·8	- 1·2	53	- 8
142	Sletnes	71 5	28 14	10·2	1013·7	1014·9	+ 6·7	..	284·0	14th	276·2	272·2	30th	..	278·1	..	22	..
143	Vardö	70 22	31 5	**12·1	‡1013·2	1014·6	+ 5·9	..	283·8	14th	275·9	272·5	29th	..	277·8	- 1·4	43	-17
147	Malye Karmakouly	72 23	52 43	15·3	1006·3	1008·2	- 0·8	..	..	..	..	..	..	..	275·1	- 0·3	13	-26
148	Walgatz	70 24	58 47	11·2	1005·6	1007·0	- 1·9	..	..	..	..	..	..	..	274·1	- 1·9	22	- 7
153	Dickson	73 31	80 23	13·0	1006·6	1008·2	0·0	..	..	..	..	..	..	..	273·3	+ 1·8	27	+ 3
162	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

SEPTEMBER - ZONE 2.

201	Preobrajenye	N. 64 52	W. 175 18	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	278·0	283·6	10th	273·2	268·0	22nd	275·6	..	..	30	..
203	¢Icone	64 30	165 24	6·7	1008·4	1009·1	+ 2·2	281·1	287·4	6th	272·5	265·2	18th	276·8	‡277·5	- 1·5	50	-18
204	Bethel	60 45	161 47	11·6	..	1009·1	..	282·4	289·7	7th	274·8	269·1	25th,29th	278·6	..	- 1·6	71	-30
205	¢Tanana	65 10	152 6	69·5	1002·7	1010·5	+ 1·2	282·0	289·7	9th,10th	274·2	265·2	21st	278·1	‡278·3	+ 0·4	64	+23
206	Rampart	65 30	150 15	114	..	..	..	281·8	292·4	8th	273·1	261·3	21st	277·4	..	- 0·8	27	- 8
207	Waldez	61 7	146 16	122	..	..	..	283·6	288·6	10th,11th	276·4	270·8	23rd	280·0	..	..	264	..
208	¢Eagle	64 46	141 12	248	977·6	1008·1	- 1·4	284·1	294·1	4th	274·1	264·7	23rd	279·1	‡279·3	+ 0·5	53	+21
209	Dawson	64 4	139 29	324	970·7	1009·8	..	283·8	293·6	15th	275·2	265·8	22nd	279·5	279·4	+ 1·2	45	+ 8
210	Aklavik	68 14	134 50	7·6	1010·7	1011·6	..	280·9	288·6	3rd	274·3	270·8	17th,18th	277·6	277·6	..	21	..
211	¢Fort Good Hope	66 15	128 38	65·2	1007·5	1015·5	..	282·3	289·1	10th	274·6	269·1	6th	278·4	..	+ 1·5	49	+27
212	Fort Simpson	61 52	121 35	129	..	..	..	285·0	295·2	4th	276·5	266·3	25th	280·7	..	- 0·1	..	..
213	Hay River	60 51	115 57	161	989·7	1009·3	..	284·4	291·9	20th	276·3	271·3	26th	280·4	280·1	- 0·6	115	+75
225	Jacobshavn	69 13	51 2	31·6	1010·3	1014·2	+ 6·8	281·8	293·2	6th	275·3	271·3	15th	278·5	278·1	+ 3·1	3	-32
226	Godthaab	64 10	51 43	20	..	..	..	282·7	290·0	5th	276·5	273·0	22nd	279·6	279·2	+ 3·0	17	-66
227	Ivigtut	61 12	48 10	30·0	1008·8	1012·5	+ 7·0	284·8	292·4	5th	276·4	270·7	20th,22nd	280·6	281·3	+ 3·3	23	-130
229	Angmagsalik	65 36	37 33	29·3	1014·7	1018·4	+10·4	280·9	284·2	1st	274·3	?270·1	24th	277·6	277·2	+ 1·1	64	-34
231	Stykkisholm	65 5	22 46	25	..	1015·6	+ 8·9	285·6	290·3	7th	279·5	271·2	25th	282·5	282·3	+ 2·5	51	-18
232	Vestmanno	63 24	20 17	132	..	1015·9	+ 9·6	283·5	285·3	1st	280·5	275·2	25th	282·0	281·9	+ 1·4	93	-52
234	Grimsey	66 33	18 1	22	..	1016·8	+ 9·0	282·4	285·0	13th	..	..	..	..	280·1	+ 1·4	13	-21
235	Teigarhorn	64 41	14 22	18	..	1016·8	+ 9·4	284·8	290·5	28th	279·1	272·6	26th	281·9	281·3	+ 1·4	268	+145
236	Djúvig	62 3	6 45	22·9	1012·8	1015·6	+ 5·6	285·8	288·8	6th	281·9	277·1	26th	283·9	283·4	+ 1·8	96	-24
237	Lerwick	60 8	W. 1 11	18·0	..	1013·9	+ 2·5	285·8	287·4	12,21,24	283·1	278·6	27th	284·4	284·6	+ 1·1	83	+ 7
238	Bergen (Fredriksberg)	60 24	E. 5 19	44·4	1009·4	1014·8	+ 3·1	288·9	292·3	16th	282·8	280·3	29th	285·9	285·5	+ 1·6	110	-84
239	Aalesund	62 28	6 10	6·3	1015·4	1016·2	+ 5·8	..	290·6	24th	282·5	279·6	27th	..	284·8	+ 1·0	89	-68
240	Trondheim	63 26	10 25	59·2	1009·2	1016·4	+ 5·2	286·0	290·6	13th	278·6	273·8	27th	282·3	282·5	+ 0·1	70	-12
241	Bodö	67 17	14 26	17·0	1014·0	1016·0	+ 6·5	..	286·0	7th	277·4	272·9	18th	..	280·7	- 1·0	84	-29
242	Haparanda	65 50	24 9	9·2	1015·2	1016·3	+ 5·8	282·4	288·0	1st	274·1	269·0	30th	278·3	278·6	- 2·1	29	-31
242a	Helsingfors	60 10	24 57	11·7	1014·8	1016·2	+ 3·0	285·0	290·9	1st	279·3	272·3	20th	282·1	282·1	- 1·6	36	-28
243	Kuopio	62 55	27 40	233	987·6	1016·1	+ 4·6	281·8	289·5	1st	276·4	272·2	19th	279·1	278·9	- 2·9	78	+14
244	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
246	Archangelsk	64 34	40 31	6·3	1011·9	1012·7	+ 1·1	..	..	..	..	..	..	..	278·8	- 2·2	70	+15
247	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
248	Oust-Tsylma	65 25	52 18	? 68	1000·4	1008·8	- 1·8	..	..	..	..	..	..	..	277·0	- 2·4	86	+29
249	Tcherdyn	60 24	56 31	?208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Berezov	63 56	65 4	46	1004·2	1009·9	- 1·1	..	..	..	..	..	..	..	278·7	- 0·6	37	- 5
251	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Soungout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	280·0	- 0·7	69	+21
254	Doudinka	69 23	86 4	? 28·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Touroukhansk	65 47	87 57	45·0	1006·4	1011·9	- 0·4	..	..	..	..	..	..	..	278·6	+ 0·8	48	- 3
262	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Lakoutsk	62 1	129 43	108	1002·7	1015·8	+ 3·6	..	..	..	..	..	..	..	279·8	+ 0·7	8	-17
264	Verchoiansk	67 33	133 24	100	996·2	1008·5	- 1·4	..	..	..	..	..	..	..	276·3	+ 1·0	21	+ 8
	Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Malakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Marlinskii Post	64 45	177 33	17·2	1013·0	1015·1	+ 4·4	..	..	..	..	..	..	..	276·1	- 0·9	13	-15
		° N.	° E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulas employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

‡See Table of Authorities, Remarks, pages 105-15.

¢Change of normals, see Table of Authorities, pages 105-15.

**Svalbard Radio (Green Harbour). Station moved to Svalbard Radio, 78° 13′N., 15° 38′E., 53·0 m. from September 1st.

*Vardö. Height changed from 11·8 m. to 12·1 m. from September 1st.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60°N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	∮St. Paul Island	57 15	170 10	28·0	..	1013·5	+ 6·4	281·8	284·1	12th	278·1	274·1	24th,29th	279·9	..	- 0·2	51	-20
303	∮Dutch Harbor (Radio)	53 55	166 30	4·0	1014·0	1014·5	+ 6·4	284·4	288·0	12th	278·7	274·7	20,29,30	281·6	‡282·6	0·0	116	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..		..	..		..	..	..	..	..
305	Dillingham	59 0	158 28	24·4	..	..	..	286·5	294·1	16th	275·9	267·4	17th	281·2	..	- 0·4	46	..
306	∮Kodiak (Radio)	57 47	152 22	4·6	1007·4	1008·1	+ 0·6	285·0	290·8	7th,8th	279·0	271·9	30th	282·5	‡282·3	- 0·7	101	..
309	Sitka	57 3	135 19	19·8	..	..	..	287·2	293·6	6th	279·3	2 0·8	23rd	283·3	..	- 0·7	298	..
310	Prince Rupert	54 18	130 18	51·8	1008·1	1014·4	+ 0·3	289·4	297·4	7th	281·3	276·3	22nd,24th	285·3	285·3	+ 0·4	242	..
311	Prince George	53 50	122 48	570	946·3	1013·1	..	291·3	301·9	3rd,4th	274·9	263·6	24th	283·1	283·2	+ 0·2	84	..
312	Kamloops	50 41	120 29	385	970·0	1015·1	- 2·4	293·7	302·4	2nd	282·4	272·4	23rd	288·1	288·3	+ 0·7	13	..
313	Calgary	51 2	114 2	1058	893·2	1013·1	+ 0·5	290·6	301·9	5th,17th	276·9	269·7	24th	283·7	283·3	+ 0·3	35	..
314	Fort Smith	60 0	111 52	183	986·4	1008·6	..	285·9	291·9	8th	275·2	270·8	sev.dates	280·6	280·3	+ 0·7	52	..
315	∮Prince Albert	53 10	105 38	437	959·3	1011·0	- 2·5	288·3	301·3	3rd	278·2	268·0	28th	283·3	282·9	+ 0·3	97	..
316	Qu'Appelle	50 30	103 47	651	936·0	1011·9	- 1·9	290·4	300·8	6th	277·4	266·9	28th	283·9	283·3	0·0	23	..
317	∮Minnedosa	50 15	99 50	515	950·9	1011·5	- 2·1	290·9	301·3	18th	276·2	262·4	28th	283·5	282·7	- 0·5	6	..
318	∮Berens River	52 18	97 23	216	..	..	..	287·4	295·8	24th	277·6	270·8	30th	282·5	..	- 2·7	242	..
319	Pagwa	50 3	85 18	189	..	..	..	290·7	299·7	1st	276·8	270·8	9th,10th	283·7	..	- 0·4	70	..
320	Moose Factory	51 14	80 30	9·1	1006·1	1007·2	..	287·8	302·4	1st	277·6	271·9	10th,22nd	282·7	282·5	- 1·1	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..		..	..		..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	286·1	296·9	1st	279·1	272·4	13th	282·6	..	+ 0·5	143	..
323	Natashquan	50 8	61 48	6·1	..	..	..	287·9	295·8	3rd	279·2	272·4	12th	283·6	..	+ 1·4	76	..
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	Sea Temp. 284·9	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††59 14	††17 37	§ (56)	..	..	..	..	..	+0·2	..	..	..	284·9	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1011·9	1013·5	- 2·1	289·1	295·1	3rd	284·1	278·8	15th	286·6	286·8	+ 0·2	122	..
335	Aberdeen	57 10	W. 2 6	26·0	1010·0	1013·1	- 0·3	287·2	292·7	23rd	283·0	279·0	16th	285·1	285·0	+ 0·6	115	..
336	Greenwich	51 28	0 0	46·3	..	1013·8	- 2·4	292·2	300·2	5th	283·8	279·7	2nd	288·0	287·6	+ 0·8	79	..
337	Uccle	50 48	E. 4 22	100	1002·5	1014·4	- 2·0	292·8	299·9	5th	283·9	277·3	28th	288·4	287·3	+ 0·6	98	..
338	De Bilt	52 6	5 11	3·0	1013·3	1013·7	- 2·7	291·5	296·0	6th	283·8	278·4	27th	287·7	287·0	+ 0·1	117	..
338a	Hamburg	53 33	9 58	40·3	1009·1	1013·9	- 2·4	289·7	292·3	14th	284·3	281·5	27th	287·0	286·5	- 0·1	113	..
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1014·2	1014·8	- 0·5	289·0	292·1	14th	283·5	278·0	5th	286·3	286·1	+ 1·0	101	..
340	Potsdam	52 23	13 4	84·9	1004·9	1015·1	- 1·7	290·7	294·8	15th	283·3	279·3	29th	287·0	286·4	+ 0·1	48	..
340a	Uppsala	59 51	17 38	24	1014·0	1016·9	+ 4·2	286·1	290·7	2nd	278·1	270·7	19th	282·1	282·2	- 1·0	73	..
341	Warsaw	52 13	21 3	88·3	1005·5	1016·1	- 2·2	292·2	299·1	1st	282·7	277·6	10th	287·4	..	..	70	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1006·2	1016·1	+ 1·9	285·5	292·9	1st	278·6	272·0	20th	282·0	281·9	- 1·7	34	..
343	Leningrad	59 56	30 16	4·8	1014·6	1015·2	+ 1·6	..	..	..	..	..	..	..	281·8	- 1·8	46	..
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	995·8	1015·7	- 0·3	..	..	..	..	..	..	..	..	..	..	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	281·4	- 1·5	113	..
346	Kazan	55 47	49 8	80·6	1006·3	1016·0	- 0·1	287·1	300·7	2nd	279·6	272·3	26th	283·3	282·7	- 1·3	63	..
347	Orenburg	51 45	55 6	109	1005·9	1019·1	+ 1·3	..	..	..	..	..	..	..	284·3	- 1·8	23	..
348	Perm	58 1	56 16	163	993·8	1013·6	- 0·8	..	..	..	..	..	..	..	281·3	- 0·8	114	..
349	Sverdlovsk	56 50	60 38	281	979·8	1013·7	- 0·5	..	..	..	..	..	..	..	281·3	- 0·8	32	..
350	Tobolsk	58 12	68 14	108	1000·8	1014·0	- 0·5	..	..	..	..	..	..	..	280·6	- 1·9	82	..
351	Akmolinsk	51 12	71 23	347	977·6	1019·3	+ 1·1	..	..	..	..	..	..	..	282·1	- 2·1	14	..
352	Omsk	55 1	73 19	108	1003·9	1017·1	+ 1·3	..	..	..	..	..	..	..	281·8	- 1·9	13	..
353	Barnaoul	53 20	83 47	158	1001·0	1020·2	+ 2·9	..	..	..	..	..	..	..	282·2	- 1·4	43	..
354	Tomsk	56 30	84 58	123	1002·8	1017·8	+ 1·8	..	..	..	..	..	..	..	280·9	- 1·2	56	..
355	Minousinsk	53 43	91 41	249	990·0	1020·3	+ 2·4	..	..	..	..	..	..	..	280·9	- 2·2	8	..
356	Eniseisk	58 27	92 10	81·2	1008·3	1018·3	+ 2·6	..	..	..	..	..	..	..	279·9	- 1·6	47	..
357	Irkutsk	52 16	104 19	467	964·4	1020·6	+ 2·4	..	..	..	..	..	..	..	279·9	- 1·0	52	..
358	Kirensk	57 47	108 7	278	985·6	1019·4	+ 3·3	..	..	..	..	..	..	..	279·9	- 1·0	7	..
359	Tchita	52 2	113 30	685	936·0	1016·7	+ 2·7	..	..	..	..	..	..	..	282·8	+ 0·6	48	..
360	Nertchinskii Zavod	51 19	119 37	621	941·9	1014·9	+ 1·3	..	..	..	..	..	..	..	280·8	- 0·5	39	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	281·3	- 0·5	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	996·2	1013·2	+ 0·7	..	..	..	..	..	..	..	..	..	100	..
364	Chantar Bolchoy	54 50	137 30	? 29	..	..	..	..	..	..	..	..	..	..	285·5	+ 0·4	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1008·3	1013·4	+ 2·6	..	..	..	..	..	..	..	..	..	49	..
366	Okhotsk	59 21	143 17	5·5	1012·0	1012·7	+ 1·4	..	..	..	..	..	..	..	284·9	+ 1·0	154	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	1007·0	1017·6	+ 7·2	..	..	..	..	..	..	..	282·1	+ 1·4	75	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	282·7	+ 0·6	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ,	E. ° ,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
§Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1006·3	1014·7	- 1·5	290·8	300·8	2nd	283·5	280·8	29th,30th	287·2	286·7	+ 0·8	26	-20
412	Portland, Oregon	45 32	122 41	46·6	1009·9	1015·2	- 1·4	295·4	309·1	2nd	285·8	279·7	23rd	290·6	290·2	+ 1·5	45	- 2
413	Macleod	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
414	Helena	49 44	113 24	953	..	..	..	292·2	303·0	6th	279·5	270·2	25th	285·9	285·7	+ 1·3	56	+24
414a	Salt Lake City	46 34	112 4	1257	873·0	1013·2	- 1·5	293·7	303·0	3rd	280·9	273·0	24th	287·3	287·4	+ 1·1	28	- 3
415	Cheyenne	40 46	111 54	1329	867·0	1012·8	- 0·7	296·9	303·6	18th	285·1	276·9	26th	291·0	291·5	- 0·3	61	+37
416	North Platte	41 8	104 48	1856	814·7	1014·2	- 0·7	294·2	299·7	20th	279·3	273·0	26th	286·8	287·0	0·0	33	+ 4
416a	Bismarck	41 8	100 45	860	916·0	1013·9	- 1·7	299·6	308·0	18th	283·8	275·8	25th	291·7	291·7	+ 1·3	39	+ 4
417	Winnipeg	46 47	100 38	510	953·0	1013·2	- 2·0	294·3	304·1	10th	280·3	269·1	28th	287·3	287·4	- 0·2	69	+37
418	Duluth	49 53	97 7	232	983·9	1011·6	..	291·7	302·4	10th,23rd	279·9	269·7	29th,30th	285·8	284·8	+ 0·7	33	-23
419	∮Port Arthur	46 47	92 6	345	972·1	1013·2	- 2·0	291·8	301·3	11th	280·6	271·9	30th	286·2	285·5	+ 0·3	119	+32
420	Chicago	48 27	89 12	196	988·0	1011·4	- 4·2	289·7	298·6	4th	279·9	272·4	30th	284·8	284·3	+ 0·2	107	+23
421	Toronto	41 47	87 35	205	990·8	1015·2	- 2·0	296·9	304·7	13th	287·9	277·4	28th	292·4	292·0	+ 0·3	33	-46
422	∮New York (Central Park)	43 40	79 24	116	1001·0	1014·7	- 3·3	295·6	303·6	2nd	285·1	276·9	30th	290·3	289·6	+ 1·6	72	+ 4
423	St. John, N.B.	40 47	73 58	47·4	1010·0	1015·5	- 3·3	299·6	304·1	16th	290·8	284·1	30th	295·2	294·7	+ 2·2	37	-52
424	S.W.Point, Anticosti	45 17	66 4	36·3	1009·8	1014·1	..	291·3	295·8	26th	283·7	279·7	11,24,30	287·5	287·1	+ 1·3	37	-58
424a	Sable Island (Main Station)	43 57	60 6	7·6	1014·1	1015·0	..	291·4	294·7	3rd	287·4	284·1	21st,26th	289·4	289·3	+ 1·1	15	-71
425	Fort aux Basques	47 35	59 10	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
436	Nantes	40 24	3 41	667	941·1	1016·6	0·0	299·4	305·5	sev.dates	287·3	280·3	29th	293·4	292·3	+ 1·7	0	-35
437	Paris (Parc St. Maur)	47 15	W. 1 34	36·5	1011·3	1015·6	- 2·1	293·3	301·8	4th	285·1	276·9	30th	289·2	289·0	+ 0·4	57	+ 3
438	Marseille	48 49	E. 2 30	50·3	1010·0	1016·0	- 1·8	292·8	301·5	5th	284·5	278·2	28th	288·6	288·3	+ 0·6	78	+25
438a	Zürich	43 18	5 23	75	..	1015·0	- 1·2	297·5	303·0	3rd	287·8	281·9	27th	292·7	292·4	+ 0·3	125	+64
439	Rome	47 23	8 33	493	959·9	1017·2	- 1·3	293·7	301·7	1st	284·3	280·5	29th	289·0	288·0	+ 1·0	70	-33
440	Vienna	41 54	12 29	45·5	1010·1	1015·5	- 1·1	300·4	303·7	1st,2nd	290·3	285·3	22nd	295·4	295·2	+ 1·4	99	+34
440a	Budapest	48 15	16 22	203	992·3	1016·3	- 1·3	292·2	299·4	1st	285·3	280·9	5th	288·8	288·5	0·0	38	-12
441	Sofia	47 31	19 1	130	1000·6	1015·9	- 1·6	297·5	304·1	13th	286·3	282·2	5th	291·9	291·1	+ 2·0	44	-11
442	Bucharest	42 42	23 20	550	953·2	1016·1	- 1·7	297·4	303·3	12th	284·6	280·1	19th	291·0	291·2	+ 1·9	60	+ 7
443	Odessa (Observatory)	44 25	26 6	82	1006·5	1016·1	- 1·4	300·2	306·0	14th	286·7	282·3	5th	293·5	292·7	+ 2·2	66	+26
444	Kharkiv (University)	46 26	30 46	42·8	1012·4	1017·5	- 0·4	293·7	300·4	2nd	286·1	279·9	7th	289·9	289·8	0·0	10	-22
444a	Novorossisk	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Tiflis	44 44	37 49	37·1	1011·9	1016·3	+ 0·3	..	..	..	..	..	..	..	..	..	..	..
446	Astrakhen	41 43	44 48	404	970·4	1016·7	+ 0·4	297·9	305·2	10th	288·6	284·0	7th	293·2	292·8	+ 0·7	12	-38
447	Fort Alexandrovsk	46 21	48 2	-20	1021·5	1019·2	+ 1·3	..	..	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	44 31	50 7	-23·0	1020·6	1017·9	+ 0·9	..	..	..	..	..	..	..	..	..	..	..
449	Kazalinsk	40 0	52 59	-4·6	1017·6	1017·1	+ 1·8	..	..	..	..	..	..	..	291·1	- 0·7	55	+40
450	Tashkent	45 46	62 8	66·7	..	..	..	..	..	..	..	..	..	..	295·6	- 0·9	0	- 5
451	Andijan	41 20	69 18	479	961·6	1017·0	+ 2·7	297·3	306·4	7th	283·3	277·4	19th	290·3	290·1	- 2·0	4	0
452	Alma Ata	43 16	76 53	841	..	..	..	299·2	306·4	7th	285·8	280·2	21st	292·5	291·8	..	4	..
461	Moukden	..	..	..	..	..	..	..	..	..	..	..	..	..	288·4	..	8	..
462	Joshin	41 46	123 24	44·3	1010·0	1015·2	+ 1·4	297·3	306·7	5th	284·5	277·1	22nd,29th	290·9	290·6	+ 0·9	89	+11
464	Iuki	40 40	129 12	31·9	1012·2	1016·0	+ 2·2	296·3	300·3	5th	286·5	280·7	29th	291·4	291·2	+ 0·5	5	-113
465	Vladivostok	42 20	130 24	63·8	1008·2	1015·8	+ 2·2	294·3	299·6	5th	285·1	278·6	22nd	289·7	289·8	+ 0·2	62	-44
466	Ochiai	43 7	131 54	128	?1000·6	?1015·8	+ 1·5	..	..	..	..	..	..	..	289·5	- 0·1	66	-46
466a	Nemuro	47 20	142 47	27·4	1011·7	1015·0	+ 2·4	292·5	300·8	2nd,9th	282·6	276·5	15th	287·5	287·3	+ 1·6	111	- 3
	Syana	43 20	145 35	26·7	1012·1	1015·3	+ 1·4	292·0	299·3	10th	286·2	282·8	15th	289·1	288·9	+ 0·8	197	+56
		45 14 N.	147 53 E.	39·3	1011·2	1015·9	+ 2·0	290·6	295·6	11th	283·0	277·5	25th	286·8	286·7	+ 0·4	135	+38

BETWEEN LATITUDE 40° N. AND 30° N.

SEPTEMBER - ZONE 5 (AMERICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N. ° ,	W. ° ,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
508	35°-30°N. 145°-140°W.	††31 59	††142 7	§ (27)	..	1022·7	+ 0·3	..	..	Sea Temp. 295·2	..	..	..	293·6	- 0·6	..	..	
511	San Francisco	37 48	122 26	47·2	1008·8	1014·5	+ 0·3	292·9	296·9	+0·6 26th	286·9	285·2	6th	289·9	289·6	+ 1·4	3	- 5
512	Sacramento	38 35	121 30	21·0	1010·5	1012·8	+ 0·6	298·5	305·8	2nd	284·9	281·9	29th	291·7	291·9	- 2·0	7	0
513	San Diego	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
514	Modena	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
515	Santa Fé	32 43	117 10	26·5	1010·6	1013·5	+ 1·4	295·2	299·1	4th	289·6	286·3	30th	292·4	292·2	0·0	0	- 2
516	Denver	37 48	113 54	1668	833·4	1011·5	- 1·3	297·2	303·0	3rd	279·3	269·7	26th	288·2	288·5	0·0	7	-19
517	Abilene	35 41	105 57	2138	790·0	1012·5	- 0·5	295·9	300·2	1st	281·6	274·1	26th	288·8	288·8	- 0·1	48	+ 9
518	Saint Louis	39 45	105 0	1613	838·5	1013·9	- 0·7	297·7	303·0	18th	283·6	275·2	26th	290·7	290·9	+ 0·8	7	-19
519	Mobile	32 23	99 40	530	953·2	1012·8	- 1·6	305·9	310·8	12th	292·8	284·1	27th	299·3	298·2	+ 2·2	123	+58
520	Nashville	38 38	90 12	173	994·7	1014·9	- 2·2	300·6	308·6	1st	290·5	283·0	27th	295·6	295·2	+ 1·4	89	+ 8
521	Charleston	30 41	88 2	17·4	1013·5	1015·6	- 0·3	302·6	307·4	1st	294·9	290·8	29th	298·8	298·3	+ 0·7	292	+159
522	Washington	36 10	86 47	166	997·3	1016·9	- 1·2	301·8	308·6	2nd	291·2	281·3	27th	296·5	296·3	+ 1·3	99	+11
524	Bermuda	32 47	79 56	14·6	1015·4	1017·3	- 0·4	303·2	306·3	14th	296·4	291·9	30th	299·8	299·8	+ 2·2	82	-44
		38 54	77 3	34·1	1012·0	1015·9	- 2·6	303·6	309·7	2nd	291·4	284·1	28th	297·5	296·6	+ 4·4	19	+68
		32 17	64 46	38·1	1014·3	1019·6	..	303·6	305·2	7th,27th	296·5	293·0	26th	300·1	299·4	+ 0·6	60	-72
		N. ° ,	W. ° ,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
∮Change of normals, see Table of Authorities, pages 105-15.

SEPTEMBER - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1012·8	1017·5	- 4·3	296·8	299·9	4th,7th	292·0	289·8	23,29,30	294·4	294·3	+ 0·2	117	
531	Horta	38 32	28 38	65	1010·4	1018·3	- 3·2	297·3	299·3	15th,17th	292·4	289·1	29th	294·8	294·5	+ 0·3	63	
532	Ponta Delgada	37 44	25 40	22	1016·2	1018·8	- 2·0	296·8	298·5	18th	292·8	289·7	24th	294·8	294·7	+ 0·9	..	
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..		..	..		..	..	..	87	
533	Madeira (Funchal)	32 38	16 55	25	1017·9	1020·8	+ 1·6	298·5	300·1	21st	293·7	292·0	28th	296·1	296·3	+ 1·4	3	
535	Lisbon	38 43	9 9	95	1006·8	1017·9	+ 1·0	298·7	303·8	22nd	290·2	285·7	29th	294·5	294·1	+ 0·9	11	
535a	¢Melilla	35 17	2 59	40	1012·9	1017·6	+ 0·7	300·0	306·6	9th	293·9	290·9	14th	297·0	296·9	+ 0·6	2	
536	Gibraltar	36 6	5 21	27·4	..	1017·3	- 0·1	301·3	306·9	8th	292·2	289·1	18th	296·7	295·6	+ 1·3	1	
536a	Colomb-Béchar	31 37	W. 2 13	769	931·4	1015·4	+ 3·7	307·3	310·0	22nd	292·4	287·4	30th	299·9	299·4	+ 0·2	9	
537	Palma	39 34	E. 2 39	23	1013·9	1016·6	- 1·5	301·8	306·2	2nd	288·8	284·8	17th	295·3	295·1	- 1·0	101	
538	Algiers (University)	36 46	3 13	59	1009·7	1016·3	+ 0·9	300·4	307·3	9th	293·6	288·4	13th	297·0	296·7	+ 0·6	22	
538a	Gadames	30 8	9 30	351	..	..	..	308·9	312·5	22nd	290·9	286·7	25th	299·9	..	- 1·5	1	
539	Tunis	36 48	10 10	66	1008·1	1015·7	- 0·6	301·8	307·2	29th	290·9	287·0	25th	296·3	296·1	- 0·7	55	
540	Malta	35 54	14 31	71·2	..	1015·7	- 0·2	299·4	303·0	10,11,12	293·8	289·7	14th,17th	296·6	295·9	- 0·8	64	
541	Athens	37 58	23 43	107	1001·7	1014·0	- 1·1	302·7	307·1	3,12,14	292·5	288·8	25th	297·6	297·1	+ 0·9	38	
542	Alexandria	31 12	29 53	32·0	1010·3	1013·9	+ 0·3	303·2	308·2	25th	295·6	292·8	16th	299·4	298·7	+ 0·5	0	
543	Ankara (Angora)	39 58	32 48	861	917·6	1013·1	- 2·1	299·1	304·1	17th	283·5	278·5	7th	291·3	291·8	..	6	
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1010·8	+ 0·4	306·1	311·3	14th	291·2	288·0	24th	298·7	..	+ 0·3	40	
544	Beirut	33 54	35 28	33·7	..	1011·7	- 0·2	304·2	306·3	6th	296·2	293·5	11th	300·2	300·0	+ 1·0	6	
545	Hinaidi	33 17	44 29	32·9	1003·9	1007·6	+ 1·2	313·3	318·6	2nd	293·8	290·9	9th	303·6	304·2	- 0·1	0	
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..		..	..		..	..	..	..	
547	Tehran	35 41	51 25	1220	870·1	999·0	..	302·4	308·9	2nd	289·9	285·7	22nd,24th	296·2	296·0	- 1·6	0	
548	Meshed	36 17	59 36	946	..	..	..	300·1	305·9	12th	..	..		..	..	..	6	
549	Seistan	31 2	61 30	?610	954·0	..	..	305·0	310·5	3rd	291·8	285·1	20th	298·4	..	- 1·0	0	
550	Quetta	30 10	67 1	1647	834·9	..	+ 0·6	303·4	307·4	10th	283·6	275·2	26th	293·5	293·3	+ 0·7	0	
551	Peshawar	34 1	71 35	355	967·1	1007·0	+ 0·7	307·7	313·0	10th,11th	294·7	290·2	29th	301·2	300·6	- 0·2	42	
551a	Lahore	31 35	74 20	214	982·0	1005·9	+ 1·0	309·4	312·4	10th,11th	295·6	290·2	30th	302·5	301·9	- 0·4	25	
552	Simla	31 6	77 10	2202	781·8	..	+ 0·7	293·5	296·3	8th	286·9	283·6	2nd	290·2	290·0	+ 0·5	37	
552a	Leh	34 9	77 34	3503	668·3	..	+ 1·0	292·2	297·1	12th	277·1	272·4	28th	284·7	283·5	- 1·6	6	
558	Sian	34 31	109 5	365	970·3	1011·5	..	301·4	307·0	5th,6th	292·0	284·0	23rd	296·7	297·2	..	5	
559	Hankow	30 35	114 17	39·1	..	1016·3	+ 2·9	300·2	308·0	8th	292·2	284·6	23rd	296·2	295·8	- 1·0	73	
560	Tientsin	39 9	117 9	6·4	..	1016·2	+ 1·6	300·3	305·3	1st	288·9	281·7	23rd	294·6	294·2	+ 0·4	29	
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1014·0	1014·8	+ 2·6	300·5	307·6	9th	291·9	285·2	24th	296·2	295·3	- 0·5	110	
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1008·0	1016·2	+ 3·4	297·6	301·9	6th	288·9	284·2	23rd	293·2	292·9	- 0·4	57	
562a	Nagasaki	32 44	129 52	133	998·7	1014·1	+ 2·7	299·3	303·3	3rd,5th	292·2	286·1	24th	295·7	295·2	- 1·3	43	
563	Kyoto	35 1	135 44	42·9	1009·4	1014·4	+ 2·4	300·9	306·8	3rd	289·2	283·0	25th	295·1	294·5	- 0·7	83	
564	Tokyo	35 41	139 46	5·8	1013·8	1014·5	+ 1·3	299·2	304·4	3rd	290·4	285·8	20th	294·8	294·5	- 0·4	192	
565	Hukusima	37 45	140 28	68·5	1006·9	1014·9	+ 1·6	298·9	307·2	3rd	288·1	282·8	21st	293·5	292·8	- 0·2	71	
566	Miyako	39 38	141 59	30·4	1011·3	1014·9	+ 1·4	297·0	302·7	3rd	287·2	281·8	24th	292·1	291·4	0·0	100	
		N.	E.															

SEPTEMBER - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N. ° ,	W. ° ,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	¢Midway Island	28 13	177 22	5·8	1013·7	1014·3	..	301·9	303·6	4th	293·2	289·7	9th	297·6	297·0	- 0·7	278	
605	Honolulu	21 19	157 52	11·6	1013·0	1014·5	- 1·5	301·6	303·0	17th	296·9	295·2	20th	299·3	299·1	+ 0·7	197	
613	Guaymas	27 55	110 53	8·3	1009·5	1010·4	..	308·9	312·0	2nd	297·7	295·5	12th	303·3	303·1	+ 0·1	15	
615	Leon	21 7	101 41	1809	820·8	1008·2	- 1·1	301·5	303·6	26th	286·1	282·9	20th	293·8	293·3	+ 0·7	27	
616	Monterry	25 40	100 18	528	952·4	1010·7	- 1·6	306·2	310·7	25th	294·5	289·6	27th	300·3	299·7	+ 1·9	79	
617	Tulancingo	20 5	98 22	2181	790·3	..	+ 0·4	297·8	301·7	27th	281·8	277·0	20th	289·8	288·5	+ 0·3	15	
618	Galveston	29 18	94 50	16·5	1012·8	1014·9	- 0·5	302·1	305·2	2nd	297·0	291·3	27th	299·6	299·4	+ 0·2	112	
618a	New Orleans	29 57	90 4	16·2	1013·1	1014·9	- 0·3	302·8	306·3	4th	295·7	290·8	15th	299·2	298·6	- 0·1	185	
619	Merida, Yucatan	20 58	89 38	22	1010·3	1012·8	- 0·4	304·3	306·4	9th	296·8	294·8	27th	300·5	299·5	+ 0·1	110	
620	Havana	23 7	82 25	77·0	1004·7	1013·5	- 0·4	305·0	307·5	15th	296·6	294·4	26th	300·8	299·8	..	370	
620a	Key West	24 33	81 48	6·7	1013·8	1014·5	+ 0·6	304·1	305·2	12th	299·0	295·8	2nd	301·6	301·2	+ 0·6	56	
621	Nassau, Bahamas	25 5	77 20	9·6	..	1015·8	+ 1·4	304·7	306·3	15th	297·7	294·7	28th	301·2	301·4	+ 0·5	25	
622	San Salvador(Watling Island)	24 6	74 26	33·5	1012·7	1016·5	+ 1·3	..	304·1	2,15,23	..	299·1	7th,9th	..	302·3	+ 0·7	..	
633	Port Etienne	20 56	17 3	4	1013·6	1014·0	..	306·7	315·0	11th	293·2	289·5	25th	299·9	300·1	..	2	
634a	¢Izaña	28 19	16 30	2367	772·4	..	+ 0·9	290·9	295·1	1st	283·0	280·3	24th,25th	287·0	285·3	+ 0·1	0	
634	La Laguna	28 28	16 20	547	954·2	1016·6	+ 0·1	298·9	303·7	1st	286·9	282·8	30th	292·9	292·1	- 0·8	2	
636	Adrar	27 52	W. 0 17	?285	982·9	1014·1	..	..	..	..	296·5	292·0	15th,19th	..	306·1	..	0	
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	866·4	1006·7	..	307·1	310·5	23rd	292·0	289·0	14th	299·5	300·5	..	2	
639	Sebha	27 1	14 27	424	..	..	..	308·0	311·4	13th	293·5	291·1	9th	300·7	..	..	0	
640	Hon	29 8	15 56	263	..	..	..	307·2	314·8	13th	289·4	285·8	25th	298·3	..	..	0	
641	Giarabub	29 45	24 31	49	..	..	..	307·8	310·8	16th	292·4	290·9	30th	300·1	..	..	0	
642	Siwa	29 12	25 29	-23	1015·9	1013·2	- 0·9	308·1	311·2	15th	289·3	286·0	23rd	298·7	298·3	- 0·9	0	
643	Cairo (Helwan)	29 52	31 20	116	999·0	1012·2	- 0·1	306·2	312·5	25th	293·6	290·4	21st	299·9	299·6	+ 0·9	..	
643a	Aswan	24 2	32 53	100	997·6	1008·7	+ 0·2	313·7	310·0	4th	297·5	293·0	30th	305·6	304·9	+ 1·3	0	
644	Tor	28 14	33 37	1·9	1009·0	1009·1	+ 0·7	305·1	309·1	26th	295·5	291·5	12,24,26	300·3	300·3	+ 0·5		
		N. ° ,	E. ° ,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics. ¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

SEPTEMBER - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1005·9	1006·4	..	307·6	311·3	1st	300·2	297·4	8th,27th	303·9	303·4	+ 0·6	0	0
648	Jask	25 45	57 45	4·0	1005·3	1005·7	..	306·9	309·9	30th	300·2	298·2	20th	303·6	303·1	0·0	0	0
649	Karachi	24 48	66 59	4·0	1007·2	1007·7	+ 0·9	302·6	303·6	8,9,27	297·9	296·3	18th	300·3	299·8	+ 0·1	0	-10
650	Jacobabad	28 17	68 29	56·7	999·0	1005·3	+ 0·9	312·0	315·8	12th	297·9	291·9	29th	304·9	304·3	- 0·3	0	- 5
651	Jaipur	26 55	75 50	436	959·1	1006·7	+ 0·9	309·7	313·0	10th	296·7	293·0	24th	303·2	302·3	+ 1·3	6	-81
652	Nagpur	21 9	79 7	310	971·6	1006·1	- 0·2	305·2	308·0	8th	296·2	295·2	5 days	300·7	300·0	+ 0·3	118	-92
653	Allahabad	25 26	81 50	94·2	994·9	1005·5	+ 0·2	305·6	309·1	6th	298·2	295·8	22nd	301·9	301·2	- 0·2	137	- 7
653a	Darjeeling	27 3	88 16	2265	776·6	..	+ 0·5	292·1	294·1	5th	286·3	284·8	11th	289·2	289·0	+ 0·4	437	-29
654	Calcutta	22 32	88 20	6·4	1005·3	1006·0	+ 0·2	305·1	307·4	5th	299·2	297·4	2nd	302·1	302·0	+ 0·9	178	-72
655	Gauhati	26 11	91 45	59·7	1001·3	1008·0	+ 0·6	304·6	307·9	30th	298·1	296·8	21st	301·3	300·4	0·0	214	+41
655a	Cherrapunji	25 15	91 44	1313	867·4	..	+ 0·3	296·6	299·2	29th	291·6	290·3	4th	294·1	293·5	+ 0·6	639	-326
656	Akyab	20 8	92 55	6·1	1007·0	1007·7	+ 0·1	302·9	304·5	29th	298·2	296·6	3rd	300·6	300·5	- 0·2	333	-240
656a	Mandalay	21 59	96 6	76·2	1000·2	1008·7	+ 0·5	306·7	310·7	6th	298·6	296·4	12th	302·6	301·8	+ 0·2	251	+105
657	Tengyueh	25 0	98 40	1634	834·4	1005·7	..	296·5	298·6	23,26,27	289·2	287·4	7th,28th	292·9	292·1	+ 0·2	153	-35
658	Phu Lien	20 48	106 38	116	..	1009·1	+ 1·0	304·6	307·1	27th	297·4	294·0	24th	301·6	300·9	+ 0·8	129	-190
659	Moncay	21 31	107 58	9·0	..	1008·9	+ 1·0	305·7	309·9	27th	297·4	294·0	24th	301·6	300·9	+ 0·8	129	-190
660	Hongkong	22 18	114 10	33·2	..	1009·7	+ 1·4	301·7	304·7	2nd	297·7	295·8	24th	299·7	299·3	- 0·6	717	+471
661	Amoy	24 26	118 4	4·9	1011·6	1012·1	+ 2·4	303·0	305·8	10th	297·3	294·0	24th	300·1	300·0	- 1·0	15	-94
661a	Taihoku, Formosa	25 2	121 31	9·3	1010·3	1011·3	+ 2·1	304·9	308·7	9th	296·4	294·1	23rd	300·7	299·9	+ 0·7	109	-140
662	Basco	20 28	121 59	18·7	..	1008·7	+ 2·0	304·3	305·9	1st	297·9	296·8	4th	301·1	300·5	0·0	257	-64
665	Naha	26 12	127 39	29·5	1008·7	1012·1	+ 3·2	302·7	304·6	1st	296·6	294·1	30th	299·7	299·3	- 0·3	185	+ 3
	Tittirima (Bonin Islands)	27 5	142 11	4·1	1011·1	1011·6	- 0·1	303·9	306·4	6th	296·2	292·1	9th	300·1	299·5	- 0·3	142	+11
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

SEPTEMBER - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N.	W.															
715	Colima	19 12	103 45	498	956·4	1011·5	+ 1·0	306·4	309·2	3rd	294·3	292·2	1st,24th	300·3	299·5	+ 1·5	66	-122
716	Morelia	19 42	101 7	1923	809·9	1009·1	- 0·4	297·0	299·4	26th	286·5	281·5	21st	291·7	291·5	+ 1·2	58	-76
717	Mexico, Tacubaya	19 24	99 12	2309	775·5	..	+ 0·7	297·0	299·2	8th,24th	282·0	277·2	21st	289·5	288·8	+ 0·3	80	-23
718	Salina Cruz	16 12	95 12	56	1003·4	1009·8	- 1·4	305·3	307·5	21st	297·0	294·2	9th	301·1	301·5	+ 1·4	46	-131
719	San Salvador	13 42	89 13	682	936·7	1011·7	0·0	306·7	309·6	10th	292·1	289·2	2nd	299·4	297·9	+ 1·8	343	+50
720	Belize	17 31	88 11	5·2	1011·1	1011·7	+ 0·2	302·7	304·7	7th	297·2	293·6	3rd	299·9	299·5	- 1·0	228	- 2
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1012·8	+ 0·6	305·4	307·2	13th	296·3	295·2	sev.dates	300·9	300·5	+ 0·9	120	-50
722	Port au Prince	18 33	72 20	37·4	1009·2	1013·4	+ 0·2	306·6	309·5	22nd	295·4	293·5	1st	301·0	301·3	+ 1·3	73	-112
723	Caracas	10 30	66 56	1043	898·6	1012·8	..	300·1	303·9	3rd	289·9	288·3	14th	295·0	292·5	- 0·8	137	+34
724	San Juan, Porto Rico	18 29	66 7	25·0	1011·8	1014·5	+ 0·6	302·6	303·6	4th	297·4	296·3	19th	300·0	299·6	+ 0·1	145	-28
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·1	1013·4	+ 1·2	303·6	305·2	4th,21st	296·3	294·1	25th	299·9	299·3	+ 0·1	163	-40
725	Barbados	13 8	59 36	57·9	..	1013·5	+ 0·7	303·8	305·6	3rd,12th	295·8	294·2	25th	299·8	299·7	+ 0·1	117	-75
731	São Vicente, C. Verde Is.	16 54	25 4	11	1011·8	1013·0	- 0·1	302·0	303·5	13th,17th	297·9	296·5	29th	300·0	300·1	+ 1·1	53	+ 5
732	San Tiago, C. Verde Is.	14 54	23 31	34	1009·7	1013·6	+ 0·1	303·0	307·4	14th	298·2	296·0	29th	300·6	300·6	+ 0·5	47	-53
734	Dakar	14 40	17 26	32	..	1012·4	..	304·5	307·2	18th	296·9	293·5	22nd	300·7	299·9	- 0·4	318	+182
735	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	302·0	304·7	20th	296·5	294·1	1st,12th	299·2	299·6	- 0·4	256	..
736	Niénébalé	12 57	7 26	300	..	..	..	304·9	308·0	17th	295·4	293·0	5th	300·1	300·0	..	91	..
	Kabara	16 45	W. 3 1	273	..	..	..	309·6	317·0	24th	299·7	295·3	13th	304·7	303·7	..	39	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	306·8	310·2	29th	295·2	291·9	2nd,9th	301·0	300·2	+ 0·4	106	-13
738	Kaduna Capital	10 32	7 25	?637	..	..	..	302·4	308·6	24th	..	..	..	..	‡296·9	+ 0·5	416	+124
739	Kadeija	12 40	10 5	?	..	..	..	306·4	311·3	30th	296·3	293·6	2nd	301·4	300·6	+ 0·8	39	-35
740	Maiduguri	11 47	13 11	361	..	..	..	307·5	310·8	29th	..	..	..	..	‡301·1	+ 0·8	106	+ 3
741	¢El Fasher	13 32	25 18	730	926·7	1007·0	..	310·8	314·0	28th	292·5	290·5	2nd	301·6	300·3	+ 0·7	4	-27
743	El Obeid	13 11	30 14	563	946·3	1007·9	+ 1·2	309·3	312·5	28th	293·7	289·5	5th	301·5	300·9	+ 1·1	11	-69
743a	Khartoum	15 37	32 33	390	964·8	1007·8	+ 0·5	312·3	316·0	28th	298·9	292·5	1st	305·6	305·5	+ 0·7	24	+ 6
744	Port Sudan	19 37	37 13	5·5	1007·9	1008·5	+ 1·2	311·9	316·4	16th	299·8	297·6	19th	305·8	305·0	+ 0·5	0	0
745	Berbera, Somaliland	10 26	45 2	13·8	1004·7	1006·3	- 0·2	311·4	316·3	13th	302·3	299·1	25,29,30	306·9	306·7	+ 0·3	0	- 2
746	Aden	12 49	45 2	29·9	1005·3	1008·3	+ 1·3	308·1	309·9	15th	301·8	300·5	29th	304·9	304·5	+ 0·8	0	- 4
751	Bombay	18 54	72 49	11·3	1008·1	1009·4	+ 0·1	302·8	306·3	30th	297·7	295·8	10th,11th	300·3	299·9	+ 0·1	1114	+847
752	Kodaikanal	10 14	77 28	2343	770·9	..	+ 0·6	290·5	292·6	17th	284·2	282·7	25th	287·3	286·9	+ 0·1	295	+111
752a	Bangalore	12 58	77 35	921	909·6	1009·7	+ 0·5	302·1	305·0	5th	292·1	289·0	24th	297·1	296·0	+ 0·9	202	+25
753	Madras	13 4	80 15	6·7	1007·3	1008·1	- 0·1	307·2	310·2	26th	297·8	295·8	3rd,7th	302·5	302·1	+ 0·2	99	-28
754	Vizagapatam	17 42	83 18	38·4	1001·8	1006·1	+ 0·1	304·1	308·6	25th	299·0	297·1	12th	301·6	301·0	- 0·3	186	+21
755	Port Blair	11 40	92 43	18·0	1007·7	1009·8	+ 0·4	302·1	303·9	1st	297·2	295·3	6th	299·7	299·1	- 0·4	677	+218
756	Rangoon	16 46	96 11	5·5	1008·7	1009·3	+ 0·3	302·9	306·4	4th	297·7	296·0	7th	300·3	299·4	+ 0·1	395	+ 7
757	Cap St. Jacques	10 20	107 5	180	..	1009·9	..	302·3	304·1	29th,30th	296·3	294·6	7th	299·3	298·8	- 0·2	120	-60
758	Nhatrang	12 15	109 12	3·6	..	1007·5	..	304·4	308·0	21st	296·8	295·6	3rd	300·6	300·1	- 0·2	153	-15
759	Bolinao	16 23	119 53	2	..	1007·7	+ 1·6	304·6	306·5	2nd,13th	297·2	296·0	5th	300·9	300·6	+ 0·6	167	-326
761	Wigan	17 34	120 23	12·2	..	1007·8	+ 1·1	305·2	306·9	10th	297·7	296·2	21st	301·5	300·7	+ 0·6	178	-291
761a	Manila	14 35	120 59	14·2	..	1008·6	+ 1·4	304·8	306·3	29th	297·1	296·2	29th	300·9	300·2	+ 0·4	269	-88
762	Ormoc	11 0	124 36	5·6	..	1008·2	+ 0·8	304·8	305·9	29th,30th	295·9	294·9	28th,29th	300·3	299·8	+ 0·1	385	+105
765	¢Guam, Ladrone Is.	13 24	144 38	18·6	..	1006·0	- 1·2	303·5	305·7	1st	298·0	296·3	4th	300·7	300·9	+ 0·6	333	-45
766	Saipan	15 14	145 46	207	983·8	1003·9	..	301·2	302·7	7th,10th	296·7	294·6	17th	298·9	298·8	..	482	..
		°N.	°E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See Table of Authorities, Remarks, pages 105-15. ¢Change of normals, see Table of Authorities, pages 105-15.

SEPTEMBER - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	§Fanning Island	3 54 N.	159 23 W.	5·3	1011·1	1011·7	+ 0·3	304·9	306·3	13th,15th	298·0	294·1	13th	301·5	301·0	+ 0·3	198	+117
821	Cristobal	9 23	79 54	11·0	..	1009·5	- 0·9	303·5	304·7	19th,26th	297·8	295·8	2nd	300·7	300·2	+ 1·0	276	..
822	Bogota	4 36	74 5	2645	747·0	..	+ 0·9	291·8	294·3	9th	283·2	279·6	3rd	287·5	286·9	+ 0·2	19	..
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	1007·8	1012·1	+ 1·4	305·7	307·8	3rd	297·2	295·8	13th	301·5	301·0	+ 0·3	120	..
824	El Peru, Guayanavieja	7 19	61 49	220	986·1	1010·8	+ 0·7	305·1	307·4	12th,13th	296·8	295·2	1st,27th	300·9	300·3	+ 2·0	51	..
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·3	+ 0·1	304·1	304·7	23rd	297·6	296·3	1,14,29	300·8	300·3	+ 0·4	16	..
826	Paramaribo	5 49	55 9	3·7	1012·2	1012·6	- 0·3	306·1	307·4	30th	296·0	294·7	1st,2nd	301·1	301·1	+ 0·5	132	..
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	17	..
831	10°-5°N. 30°-25°W.	†† 7 4	††27 7	§(69-94)	..	1014·6	+ 1·6	..	..	Sea Temp. 299·9	..	..	..	..	299·7	+ 0·3	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	Freetown, Sierra Leone	8 29	13 14	55·0	1006·4	1012·7	+ 2·2	301·1	303·0	9,11,16	294·8	293·6	14th,15th	297·9	297·3	- 0·3	719	..
835	Assuantsi	5 18	1 15	97·3	1001·5	1012·7	..	300·2	304·7	25th	294·5	292·4	3rd	297·3	296·9	- 0·2	41	+15
836	Accra	5 33	W. 0 12	17·7	1011·4	1013·4	+ 0·5	?301·6	?303·8	25th	?295·8	?293·6	1st	?298·7	?298·3	+ 0·6	166	..
837	Lagos	6 27	E. 3 24	3·0	1010·8	1011·2	- 1·0	301·7	303·0	1st	296·9	295·2	16th	299·3	298·7	+ 0·4	68	..
838	Victoria, Nigeria	4 1	9 12	15·5	1009·7	1011·5	..	303·8	307·4	24th	294·2	293·0	1,23,30	299·0	298·4	..	521	..
839	Yola	9 12	12 30	259	..	..	..	304·0	308·0	25th,30th	295·1	291·9	15th	299·6	299·0	+ 0·4	162	..
841	§Wau	7 42	28 3	440	961·5	1010·4	+ 0·9	..	..	..	294·0	292·2	29th	..	299·1	+ 0·9	199	..
843	Malakal (Kodok)	9 35	31 37	394	966·2	1010·3	+ 0·4	307·1	311·0	28th	294·7	293·0	10th	300·9	299·5	+ 0·8	70	..
843a	Mongalla	5 11	31 47	448	960·7	1011·0	+ 0·6	307·1	311·3	28th	294·0	292·2	11th	300·6	298·8	+ 0·6	161	..
844	Entebbe	0 5	32 29	1171	884·9	1011·2	+ 0·9	299·3	303·0	13th	290·2	288·6	4,12,29	294·7	294·1	+ 0·5	78	..
845	Sheikh	9 55	45 15	1463	..	..	..	302·1	305·2	13th	290·5	286·9	29th,30th	296·3	295·6	..	49	..
851	Minicoy	8 18	73 0	2·7	1011·7	1012·0	+ 0·4	302·7	304·1	20th	297·9	296·2	23rd	300·3	299·7	..	220	..
851a	Cochin	9 58	76 14	2·7	1011·6	1011·8	+ 0·7	301·6	304·1	5th	296·9	295·2	24th	299·2	298·6	- 0·4	469	..
852	Colombo Observatory	6 54	79 52	7·3	..	1010·8	+ 1·1	302·3	303·0	29th	297·6	294·7	1st	299·9	299·3	- 0·2	167	..
853	Nuwara Eliya	6 58	80 46	1881	814·0	1012·3	+ 1·5	292·1	296·5	28th	284·7	279·9	28th	288·4	287·7	- 0·1	224	..
854	Trincomalee	8 35	81 15	30·2	..	1007·5	+ 0·7	305·4	308·3	26th	297·9	296·1	4th	301·7	301·1	- 0·2	36	..
855	Kuta Raja	5 32	95 20	7·1	..	1009·4	- 0·3	..	..	..	..	..	..	..	..	..	77	..
856	Medan	3 35	98 41	25	..	1010·5	+ 0·8	304·1	306·6	24th	295·0	292·8	22nd	299·5	298·9	+ 0·5	128	..
857	Penang	5 34	100 20	5·0	..	..	..	304·3	305·8	15th,23rd	296·3	294·7	11th	300·3	299·8	+ 0·2	473	..
857a	Butterworth	5 25	100 22	2·1	..	1009·1	..	303·7	305·8	20,22,23	295·9	294·1	12th	299·8	299·3	..	308	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	1000·1	1010·4	+ 0·4	303·9	306·3	22nd,23rd	297·1	294·7	7th	300·5	299·9	..	223	..
859	Sandakan	5 50	118 7	31·7	..	..	..	304·8	306·9	24th	297·0	295·8	5th,10th	300·9	300·9	+ 0·3	393	..
860	Iwahig	9 44	118 38	14·3	..	1008·6	+ 1·2	304·6	306·2	21st,22nd	295·9	294·7	2nd	300·3	299·7	+ 0·6	137	..
861	Tagbilaran	9 38	123 51	21·3	..	1008·6	+ 0·6	305·4	307·2	21st	297·4	295·8	2nd	301·4	300·6	+ 0·3	112	..
861a	Menado	1 30	124 50	8·5	..	1010·6	+ 1·9	305·1	307·2	26th	295·7	293·2	2nd	300·4	300·4	+ 0·7	45	..
862	Surigao	9 48	125 29	6·0	..	1008·7	+ 0·7	304·1	305·9	26th	297·7	296·5	3,4,13	300·9	300·5	+ 0·1	185	..
863	§Kolonie, Yap	9 29	138 8	29·3	..	1008·7	+ 0·2	304·3	305·6	5th,27th	297·5	296·1	20th	300·9	299·7	- 0·1	483	..
864	Palau	7 20	134 29	31·8	1005·9	1009·5	..	302·2	303·6	11th	296·9	295·0	20th,21st	299·5	299·5	..	526	..
867	Ponape	6 58 N.	158 13 E.	38·9	1004·7	1009·1	..	302·2	304·6	14th	296·2	294·2	29th	299·2	299·1	..	471	..

SEPTEMBER - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32 S.	172 31 W.	1·8	1010·0	1010·2	..	302·8	304·8	24th	300·8	298·7	5th	301·8	301·5	..	291	..
920	Lambayeque	6 46	80 55	15	1010·6	1012·4	..	300·9	303·6	21st	289·3	285·8	15th	295·1	294·2	..	0	..
921	Quito	0 14	78 30	2816	727·7	..	- 0·2	296·1	299·5	18th	280·4	276·2	7th	288·3	286·8	+ 0·7	29	..
923	Senna Madureira	9 4	68 40	135	..	..	..	307·2	309·3	23rd	292·9	285·6	17th	300·0	298·5	..	122	..
923a	S&o Gabriel do Rio Negro	0 8	67 5	85·0	1001·9	1011·6	..	304·5	307·5	2nd	295·6	293·9	11,12,17	300·0	298·6	..	237	..
924	Manaos	3 8	60 1	43·8	..	..	..	305·3	307·9	2nd	295·4	293·8	12th	300·4	300·3	- 0·3	91	..
926	Taperinha	2 30	54 20	21·5	1010·0	1012·6	+ 1·0	306·1	307·2	15th	296·0	294·0	12th	301·0	299·9	+ 0·6	3	..
927	Turyassu	1 43	45 26	9·1	1011·4	1012·4	+ 0·6	305·0	305·9	20th,26th	295·6	292·8	1st	300·3	299·8	+ 0·3	7	..
928	Barra do Corda	5 30	45 16	81·0	1003·1	1012·4	..	307·7	309·6	21st	294·3	292·3	10th,18th	301·0	300·1	+ 0·6	9	..
929	Quixeramobim	5 16	39 15	207	991·2	1014·6	+ 1·6	305·6	306·8	10th	297·0	296·2	7th	301·3	301·1	+ 0·3	0	..
930	Fernando Noronha	3 50	32 25	106	1002·7	1014·7	+ 0·6	301·2	302·0	21st	297·0	295·9	3rd	299·1	298·1	+ 0·8	10	..
934	Ascension Island	7 56	W. 14 25	16·8	1015·5	1017·4	+ 1·2	..	..	..	..	..	..	..	297·1	+ 0·2	5	..
939	Loanda	8 49	E. 13 13	59·3	..	1014·9	+ 0·6	296·9	298·5	24th	292·1	290·7	3rd	294·5	293·9	- 0·4	0	..
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	293·8	296·1	..	282·6	281·4	..	288·2	289·1	..	215	..
943	Masaka	0 20	31 44	1280	..	..	..	300·5	301·9	3,9,26	289·7	288·0	10,19,28	295·1	294·4	..	136	..
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	822·6	1015·9	..	295·9	299·5	13th	284·8	282·2	7th	290·3	289·3	..	100	..
944a	Zanzibar	6 10	39 12	17·1	1015·5	1017·5	- 0·2	301·3	303·0	25th	296·3	294·8	18th	298·8	297·8	+ 0·2	62	..
945	Lamu	2 16	40 50	3·0	..	..	..	301·0	301·9	12th,15th	296·2	294·1	18th,19th	298·6	298·2	- 0·6	33	..
947	Seychelles, Port Office	4 37	55 27	4·6	1012·8	1013·3	+ 0·2	301·2	303·6	10th	296·3	294·1	4th	298·7	298·0	- 0·4	220	..
957	Padang	0 56	100 22	6·7	..	1010·6	- 0·1	303·6	305·3	23rd	296·6	295·8	16th	300·1	299·6	+ 0·5	401	..
958	Batavia	6 11	106 50	8·0	1010·2	1011·1	+ 0·6	304·9	308·0	28th	296·8	295·3	22nd	300·8	300·4	+ 0·9	26	..
958a	Pontianak	0 1	109 20	2·6	..	1010·4	+ 0·6	305·6	307·6	27th	297·2	295·8	22nd	301·4	300·4	+ 0·7	322	..
959	Pasuruan	7 38	112 55	5·0	..	1011·3	+ 0·4	304·3	305·9	1st	294·8	292·6	19th	299·5	299·8	+ 0·2	0	..
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	0	..
962	Amboina	3 42	128 10	4·2	..	1012·0	+ 1·3	302·0	303·2	28th	296·3	294·2	18th	299·1	299·0	+ 0·7	43	..
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	42	..
965	Daru	9 4	143 13	7·6	..	1014·2	+ 2·1	301·2	..	..	296·0	..	..	..	..	..	19	..
966	Port Moresby	9 29	147 9	38·4	..	1013·8	+ 2·0	300·7	..	..	..	..	..	298·6	298·2	- 0·2	..	..
967	Rabaul	4 9	152 12	12·5	1008·7	1010·1	+ 0·6	304·8	307·6	30th	295·1	..	..	297·9	297·5	- 0·9	..	..
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?302·1	?304·7	29th	295·4	293·4	25th	300·1	299·5	- 0·6	22	..
970	Ocean Island	0 52	169 35	42·6	1005·3	1010·3	- 0·3	303·6	305·8	15,26,30	?297·1	?295·2	17th	?299·6	?299·4	- 0·6	178	..
											298·3	297·4	sev.dates	300·9	300·2	- 0·3	421	..
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. $Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

SEPTEMBER - ZONE 10.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48 S.	171 46 W.	2·0	..	1010·8	- 1·2	301·5	303·0	19th	296·6	295·1	12th	299·1	298·9	- 0·2	86	-44
1003	§Alofi, Niue Island	19 2	169 55	19·8	..	1013·8	- 1·8	298·9	300·8	22,29,30	290·9	286·3	15th	294·9	294·7	- 1·7	98	-10
1021	Lima																	
1022	Arica	12 5	77 3	111	1000·3	1013·3	..	295·2	297·2	3rd,4th	288·7	287·0	19th	291·9	290·9	..	8	..
1024	La Paz, Bolivia	18 28	70 20	5	1012·0	1012·6	..	293·1	296·0	30th	287·2	286·0	sev.dates	290·1	290·5	+ 1·1	0	0
		16 30	68 8	3658	658·8	..	+ 0·7	289·0	292·8	2nd	275·8	274·0	1st	282·4	281·0	- 1·5	60	+32
1025	Corumba	18 59	57 39	116	999·1	1012·2	+ 1·6	305·6	313·2	24th	292·9	285·6	17th	299·2	299·1	+ 0·8	2	-67
1026	Cuyaba	15 36	56 6	165	993·0	1011·5	+ 1·4	308·0	312·5	22nd	293·2	286·8	12th	300·6	300·0	- 0·2	10	-41
1027	Bello Horizonte	19 56	43 56	895	916·5	1015·0	+ 0·6	300·0	304·8	1st	288·5	284·4	14th	294·3	293·3	+ 0·2	22	-13
1028	Caetite	14 3	42 37	897	916·9	1015·4	+ 0·6	301·3	307·1	3rd	288·8	287·2	1,2,20	295·0	295·0	0·0	12	- 7
1029	Ondina (Bahia)	13 0	38 31	46·6	1011·4	1016·8	+ 1·0	300·2	301·1	7th,11th	294·7	293·4	1st	297·4	297·2	+ 0·5	32	-48
1030	Aracaju	10 55	37 3	6·1	1016·4	1017·2	+ 0·7	300·4	301·8	29th	294·6	290·2	12th	297·5	297·3	..	49	..
1035	§St. Helena	15 57	W. 5 40	579	949·2	1016·9	+ 1·0	287·7	289·1	21st,22nd	284·8	283·6	16th	286·2	286·2	- 0·9	48	- 7
1039	Mossamedes	15 12	E. 12 9	12·5	1015·0	1016·5	..	..	296·0	24th	..	284·4	18th	..	..	..	0	..
1041	Livingstone	17 51	25 51	972	908·0	1013·5	..	306·3	311·9	28th	287·3	278·0	16,17,18	296·8	..	- 0·7	0	- 2
1041a	§Elisabethville	11 39	27 28	1230	877·1	1009·8	+ 0·3	303·2	307·2	28th	282·0	275·8	16th	292·6	..	- 1·9	0	- 3
1042	Gwelo	19 26	29 45	1411	..	..	..	299·8	306·9	28th	283·1	271·9	17th	291·5	..	- 0·8	0	- 4
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	855·5	1014·9	+ 0·4	299·9	305·8	29th	284·5	274·7	17th	292·2	291·6	0·0	4	- 3
1044	Zomba	15 23	35 18	955	908·7	1012·6	- 0·6	299·7	304·7	13,14,29	287·6	280·8	16th	293·7	293·0	- 0·1	15	+ 6
1045	Mossuril	14 57	40 40	15	..	1016·6	..	302·4	306·8	28th	291·3	288·1	16th	297·1	297·0	..	19	..
1046	Antananarivo	18 55	47 33	1375	867·0	1016·1	- 0·8	299·1	303·3	28th	284·4	279·4	2nd	291·7	290·2	+ 1·2	7	- 7
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1013·0	1013·7	- 0·3	301·7	302·6	19th	296·9	295·3	12th	299·3	298·9	+ 0·2	42	-54
1057	Christmas Island	10 25	105 43	5·5	1010·9	1011·5	+ 1·0	303·3	304·1	sev.dates	296·6	294·7	16th	299·9	299·5	+ 0·2	9	-61
1061	Kupang	10 10	123 34	45	1006·7	1011·8	+ 0·1	306·6	309·3	28th	295·1	292·6	12th	300·9	300·0	+ 0·6	0	- 2
1061a	§Derby	17 18	123 40	16·2	1012·2	1014·0	+ 0·7	306·7	311·4	18th	293·9	290·2	2nd,29th	300·3	..	+ 0·9	0	0
1062	Hall's Creek	18 13	127 46	373	972·8	1014·2	+ 0·8	306·9	309·3	8th	288·4	282·4	30th	297·7	297·2	+ 0·2	0	- 5
1063	Darwin	12 28	130 51	29·6	1009·8	1013·2	+ 1·6	305·3	308·2	4th	295·8	293·9	20th	300·6	299·5	- 0·5	29	+16
1064	Daly Waters	16 16	133 23	211	990·2	1013·7	+ 1·8	307·8	309·7	16th,17th	288·8	284·1	26th	298·3	297·8	- 1·2	0	- 6
1065	Palmerville	15 56	144 8	210	990·8	1014·4	+ 1·9	304·7	308·0	15th	288·2	285·5	1st	296·4	..	- 1·5	0	- 9
1065a	Georgetown, Queensland	18 22	143 32	302	981·9	1015·9	+ 1·8	305·4	309·7	11th	289·2	284·7	19th	297·3	..	- 0·1	1	- 8
1066	Willis Island	16 18	149 59	8·5	1014·7	1015·9	+ 1·4	300·1	301·9	30th	295·0	291·9	6th	297·6	297·4	0·0	9	- 8
1067	Samarai	10 37	150 40	6·1	..	..	..	..	..	..	295·2	..	..	..	..	..	23	-245
1072	Suva, Fiji	18 8 S.	178 26 E.	6·1	1012·9	1013·6	- 0·6	296·9	299·7	16,28,30	291·7	287·4	7th	294·3	294·1	- 2·3	191	- 4

BETWEEN LATITUDE 20° S. AND 30° S.

SEPTEMBER - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1105	Rarotonga (Avarua)	21 12 S.	159 46 W.	6·1	..	..	..	298·5	300·8	20th	290·5	285·2	29th	294·5	294·3	- 0·6	91	-23
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1011·1	1013·9	- 3·7	290·9	294·4	24th	285·9	283·4	7th	288·4	288·1	+ 2·4	5	+ 1
1122	§Antofagasta	23 42	70 24	94	1002·8	1014·0	- 3·8	292·6	295·4	21st	286·9	285·0	24th	289·7	289·4	+ 1·8	0	- 1
1123	Catamarca	28 29	65 47	528	955·8	1015·8	+ 3·5	300·6	310·0	30th	283·6	278·0	1st	292·1	293·0	+ 1·3	0	- 7
1124	Salta	24 46	65 24	1182	885·8	1016·2	+ 4·3	298·0	308·4	30th	279·1	272·4	10th	288·6	289·0	- 1·3	3	- 5
1125	Goya	29 9	59 15	37	1013·3	1017·7	+ 2·5	298·2	306·0	6th	284·0	276·2	17th	291·1	290·7	+ 0·3	20	-40
1126	§Asuncion	25 17	57 41	93	1007·0	1017·9	+ 4·2	299·6	309·7	7th	287·6	280·1	17th	293·6	293·2	- 0·7	127	+41
1127	Curityba	25 25	49 17	908	916·5	1019·4	+ 1·4	294·2	304·0	24th	281·4	273·4	13th	287·8	286·8	- 0·7	18	-104
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1015·9	1018·1	+ 1·1	297·1	307·3	8th	290·5	287·8	28th	293·8	293·7	- 0·2	45	-21
1139	Windhoek	22 34	E. 17 6	1727	832·3	1014·6	..	299·0	302·2	24th	284·0	273·0	14th	291·5	291·0	- 0·5	0	- 2
1140	G'Okiep	29 36	17 52	933	913·2	1019·6	+ 0·4	292·5	301·7	25th	278·8	275·1	6th	285·7	285·3	- 1·9	38	+23
1141	§Kimberley	28 44	24 46	1218	882·3	1017·1	- 0·1	296·5	304·6	9th	279·9	273·1	15th	288·2	287·9	- 1·4	0	-15
1141a	Johannesburg	26 11	28 4	1806	824·3	1016·3	- 1·3	294·5	300·2	26th	281·2	270·7	15th	287·8	287·7	- 0·4	0	-24
1142	Bulawayo	20 9	28 35	1349	870·4	1016·4	- 0·5	300·8	307·2	28th	282·7	273·9	17th	291·7	291·5	- 1·0	0	- 4
1143	Durban	29 52	31 3	15·2	1017·6	1019·4	- 1·4	294·4	299·2	4th	288·1	283·2	15th	291·2	290·7	- 0·9	103	+22
1144	Lourenço Marques	25 58	32 36	59·5	..	1017·9	- 1·3	298·4	308·9	4th	288·5	283·2	18th	293·4	292·8	- 0·8	4	-21
1147	Mauritius	20 6	57 33	55·2	1013·4	1019·9	- 0·3	298·3	300·1	29th	291·1	288·5	21st	294·7	294·2	+ 0·3	49	+16
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
$Change of normals, see Table of Authorities, pages 105-15.

SEPTEMBER - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation: Total
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.
1159	ϕOnslow	21 43	114 57	4·3	1013·8	1014·2	- 0·3	302·0	306·4	20th,22nd	288·6	284·9	14th,15th	295·3	..	+ 0·8	1
1160	ϕCue	27 27	117 52	454	964·9	1016·5	+ 0·3	298·3	306·4	28th	284·2	278·6	1st,12th	291·2	..	+ 0·9	4
1161	Nullagine	21 53	120 5	386	..	..	..	305·6	308·0	26,27,28	287·8	283·0	9th	296·7	..	+ 2·0	0
1162	Laverton	28 40	122 23	466	964·0	1017·0	+ 0·3	298·7	307·6	20th	283·6	277·6	1st	291·2	291·2	+ 1·3	6
1163	Alice Springs	23 38	133 37	587	950·9	1016·8	+ 2·0	299·9	308·0	8th	283·8	276·3	24th	291·9	292·0	+ 0·4	3
1164	William Creek	28 55	136 21	76·2	1010·6	1019·5	+ 2·7	298·1	310·3	7th	283·4	278·6	15th	290·7	290·5	+ 0·6	1
1164a	Boulia	22 55	139 38	146	999·2	1015·9	+ 1·7	302·9	311·2	11th	286·2	280·4	24th	294·6	294·7	- 0·1	0
1165	Thargomindah	27 58	143 43	123	1003·8	1018·1	+ 2·3	297·8	308·1	9th	284·0	278·7	27th	290·9	290·7	- 0·5	3
1166	Mitchell	26 32	147 52	336	980·0	1018·9	+ 2·1	297·7	304·7	9th	279·1	273·4	24th	288·4	..	- 1·1	4
1167	Rockhampton	23 24	150 30	11·3	1016·9	1018·2	+ 1·3	300·4	304·0	10th	287·1	283·2	16th	293·8	292·9	- 0·3	6
1168	Brisbane	27 28	153 2	41·8	1014·3	1018·7	+ 1·3	297·5	302·7	23rd	285·4	281·8	3rd	291·4	291·0	- 0·1	24
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1015·3	1017·1	- 2·7	291·3	294·4	24th	286·4	282·4	10th,17th	288·9	288·5	- 1·0	59

SEPTEMBER - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

No.	Name of Station	Latitude	Longitude	Height	Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean	Diff. from Normal	Total
1221	Juan Fernandez	S. 33 37	W. 78 52	6	1019·5	1020·2	- 1·8	289·5	294·6	12th	284·3	281·5	8th	286·9	286·6	+ 1·2	8
1221a	Punta Tumbes	36 37	73 6	120	1001·5	1016·0	- 2·3	289·0	295·6	15th	281·9	280·0	sev.dates	285·5	285·1	+ 1·8	38
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1011·0	1016·0	- 1·9	291·7	297·2	4th	283·7	277·0	1st	287·7	287·5	+ 1·8	6
1222a	Santiago	33 27	70 42	520	955·8	1016·2	- 1·5	293·7	301·0	21st	282·5	276·8	8th	288·1	287·2	+ 3·0	12
1223	Cordoba	31 25	64 12	423	967·2	1016·3	+ 0·6	297·9	305·6	30th	280·2	272·4	16th	289·1	288·9	+ 1·1	27
1224	Bahia Blanca	38 45	62 16	28·7	1013·4	1016·9	- 0·4	294·5	305·0	28th	280·8	271·7	11th	287·6	286·8	+ 1·6	12
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1015·0	1018·0	- 0·1	292·0	299·8	30th	281·5	272·4	11th	286·8	286·4	+ 0·6	31
1226	ϕMontevideo (Prado)	34 52	56 12	24·9	1015·0	1018·3	+ 0·7	291·0	302·8	30th	280·5	272·6	18th	285·8	285·8	- 0·1	51
1226a	Porto Alegre	30 2	W. 51 13	23·5	1015·8	1018·6	+ 1·4	293·9	302·1	22nd	283·7	277·3	12th	288·8	288·5	- 1·0	119
1239	Cape Town	33 56	E. 18 29	12·2	1018·8	1020·3	+ 1·5	291·6	299·7	25th	282·8	277·6	16th	287·2	285·9	- 0·2	131
1240	Danger Point	34 37	19 18	27·7	..	..	..	289·4	296·3	28th	282·9	276·9	7th	286·2	..	- 0·7	51
1241	Riversdale	34 6	21 16	61·0	..	..	..	294·1	305·8	2nd	279·0	274·7	7,23,25	286·6	..	- 1·1	26
1242	East London	33 1	27 54	45·4	1014·0	1019·4	- 0·2	292·6	296·9	28th	284·2	280·8	7th,8th	288·4	..	- 1·2	139
1259	Perth (Observatory)	31 57	115 51	60·0	1010·7	1017·9	- 0·1	292·7	301·0	19th	283·9	279·7	3rd	288·3	288·2	+ 0·7	109
1260	ϕKatanning	33 42	117 35	310	980·3	1016·9	0·0	290·9	300·9	19th	280·7	276·2	23rd	285·8	..	+ 0·7	39
1261	ϕCoolgardie	30 57	121 10	423	968·6	1017·3	+ 0·4	296·2	306·9	20th	281·1	275·2	11th	288·6	288·6	+ 0·7	6
1262	Eucla	31 45	128 58	4·6	1016·2	1016·8	+ 0·1	295·4	308·6	21st	282·2	275·8	1st	288·8	288·4	+ 0·7	5
1263	Streaky Bay	32 48	134 13	13·1	1017·6	1019·0	+ 1·6	293·3	301·0	29th	283·7	278·8	3rd	288·5	288·1	+ 1·1	10
1264	Adelaide	34 56	138 35	42·7	1013·7	1018·9	+ 1·6	292·7	300·8	30th	282·7	278·1	15th	287·7	287·5	+ 0·8	65
1265	Melbourne	37 49	144 58	35·1	1012·4	1016·7	+ 0·9	290·8	299·1	21st	280·6	275·9	30th	285·7	285·5	+ 0·4	32
1266	Bourke	30 13	145 58	110	1008·5	1021·5	+ 2·8	297·0	305·8	8th	280·9	276·9	16th,17th	289·0	..	- 1·2	5
1267	Sydney	33 51	151 13	42·1	1011·9	1016·7	+ 0·7	293·7	301·4	9th	283·2	279·2	26th	288·4	287·9	+ 0·3	5
1268	Lord Howe Island	31 20	159 0	4·9	1017·0	1017·6	- 0·9	292·3	294·0	28th	286·2	282·8	12th	289·2	..	- 0·7	71
1271	Auckland	36 51	174 48	13·4	..	1006·3	-10·1	288·4	290·7	15th	281·5	277·9	9th	284·9	..	- 0·7	120
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	286·9	293·0	25th	279·5	272·2	8th	283·2	..	- 1·8	92

SEPTEMBER - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

No.	Name of Station	Latitude	Longitude	Height	Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean	Diff. from Normal	Total
1301	Chatham Island	S. 43 52	W. 176 42	45·7	..	1001·4	-10·0	..	..	..	..	..	..	..	..	..	135
1321	Isla Guafo	43 34	74 45	140	1000·6	1017·6	+ 0·5	282·8	285·0	16th	279·9	277·3	5th	281·3	281·3	+ 0·8	76
1322	ϕPunta Galera	40 1	73 44	40	1013·4	1018·3	+ 0·3	286·7	291·3	15th	280·6	277·0	6th	283·7	283·6	+ 1·3	164
1323	Sarmiento	45 33	69 1	272	980·8	1013·4	+ 0·6	289·8	295·8	11th	276·9	269·4	10th	283·4	282·9	+ 2·0	6
1324	Puerto Madryn	42 46	W. 65 2	14	1014·2	1015·9	+ 1·7	291·1	299·0	20th	276·9	269·8	1st	284·0	285·0	+ 1·5	31
1365	Launceston	41 27	E. 147 10	81·1	1001·9	1011·6	- 0·2	288·9	292·4	5th	278·2	271·9	3rd	283·6	282·8	+ 0·7	61
1366	Hobart	42 53	147 20	53·9	1002·4	1008·9	- 2·0	287·8	294·9	21st	279·7	275·6	15th	283·7	282·9	+ 0·2	38
1369	Invercargill	46 25	168 21	3·7	..	..	..	285·2	290·2	24th	276·6	271·9	10th,13th	280·9	..	- 0·8	72
1370	Alexandra	45 15	169 24	159	..	..	..	285·5	292·2	24th	276·2	270·2	10th	280·9	280·7	..	22
1371	Dunedin	45 52	170 31	6·1	..	1005·2	- 6·5	284·0	289·9	25th	277·4	274·1	7th	280·7	..	- 1·2	101
1371a	Christchurch	43 32	172 39	7·6	..	1005·0	- 6·9	284·4	291·8	28th	276·8	272·0	11th	280·6	..	- 1·8	57
1372	Wellington	41 16 S.	174 46 E.	128	..	1005·2	- 8·5	284·5	288·0	20th	278·8	273·2	8th	281·6	281·2	- 2·3	122

SEPTEMBER - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

No.	Name of Station	Latitude	Longitude	Height	Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean	Diff. from Normal	Total
1421	ϕIslota de los Evangelistas	S. 52 24	W. 75 6	55	997·2	1003·9	- 0·8	280·3	281·5	6th	276·4	274·1	24th	278·3	278·4	+ 0·8	262
1422	Magallanes (Punta Arenas)	53 10	70 54	28	998·4	1001·9	- 3·1	281·3	287·2	17th	274·3	271·0	30th	277·8	277·7	+ 0·2	16
1423	Punta Dungeness	52 24	68 26	5	1001·6	1002·2	- 1·9	281·5	285·4	17th	274·5	269·8	1st	278·0	277·8	+ 0·4	19
1424	Santa Cruz	50 1	68 31	13	1005·7	1007·3	- 0·1	286·4	293·0	28th	274·9	271·4	25th	280·6	280·2	+ 0·9	4
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1006·6	+ 1·5	281·7	287·4	27th	273·6	269·7	25th	277·7	..	+ 0·8	22
1426	Cape Pembroke	51 41	57 42	21·3	1002·6	1005·2	- 0·2	279·3	284·7	27th	274·2	271·9	23rd,25th	276·8	276·9	0·0	..
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	999·9	1000·4	+ 0·3	275·0	284·6	19th	269·7	264·3	8th	272·3	272·3	- 0·9	96

SEPTEMBER - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

No.	Name of Station	Latitude	Longitude	Height	Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean	Diff. from Normal	Total
1527	South Orkneys	S. 60 43	W. 44 47	7	991·6	992·5	- 1·0	270·4	279·1	18th	262·2	250·3	13th	266·3	266·6	+ 0·6	40
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ϕChange of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, OCTOBER 1930

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF OCTOBER, 1930 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. — OCTOBER - ZONE 1.

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation: Total	Precipitation: Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 58	178 33	6·9	..	..	..	..	..	..	...	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1019·6	+ 7·3	267·3	274·1	18th	261·9	253·6	31st	264·6	..	+ 0·4	3	-15
125	Upernivik	72 47	56 7	19·2	1009·0	1011·4	+ 2·4	271·5	280·4	6th	266·8	260·6	30th	269·1	269·2	+ 0·2	48	+20
131	Myggbukta	73 30	21 30	3·2	..	1017·4	..	..	267·5	19th,23rd	..	252·5	22nd	..	261·5	..	4	..
132	Scoresbysund	70 29	21 58	16·9	1010·7	1012·9	..	268·4	272·5	3rd,4th	262·9	258·0	25th,27th	265·7	266·2	..	..	..
135	Jan Mayen	70 59	W. 8 18	23·1	1000·0	1002·9	- 3·6	..	279·0	16th	271·3	266·8	31st	...	273·1	+ 0·7	50	+ 3
139	Svalbard Radio (Spitsbergen)	78 13	E. 15 38	53·0	1000·1	1006·9	- 2·0	..	277·7	31st	264·5	256·4	23rd	..	267·2	..	5	..
140	Björnöen	74 28	19 17	29·2	998·2	1001·9	- 3·9	..	277·6	19th	271·2	267·1	12th	..	272·8	+ 0·8	28	- 8
141	Ingöy	71 4	24 6	4·3	999·8	1000·3	- 2·6	..	280·9	19th	274·9	271·5	10th	..	276·6	+ 0·7	77	+ 4
142	Sletnes	71 5	28 14	10·2	1000·9	1002·2	- 5·7	..	280·1	19th	273·0	268·1	8th	..	275·4	..	53	..
143	Vardö	70 22	31 5	12·1	‡1001·7	1003·2	- 4·8	..	279·5	29th	273·4	269·4	8th	..	275·5	+ 0·9	33	-30
147	Malye Karmakouly	72 23	52 43	15·3	1005·5	1007·4	- 0·8	..	..	..	..	..	..	..	269·8	- 0·1	..	..
148	Waigatz	70 24	58 47	11·2	1006·7	1008·1	+ 2·3	..	..	..	..	..	..	..	269·8	- 1·7	..	..
153	Dickson	73 31	80 23	13·0	1009·1	1010·8	+ 3·1	..	..	..	..	..	..	..	262·9	- 3·4	6	- 7
162	Bouloune	70 45 N.	127 47 E.	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N. — OCTOBER - ZONE 2.

No.	Name of Station	Latitude	Longitude	Height	Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean	Diff. from Normal	Total	Diff. from Normal
201	Preobrajenye	N. 64 52	W. 175 18	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	275·6	280·8	7th	272·3	266·9	30th	273·9	..	..	35	..
203	ϕNome	64 30	165 24	6·7	1008·1	1008·8	+ 3·6	274·9	278·6	6,8,9	269·4	256·3	29th	272·2	‡273·1	+ 0·8	62	+25
204	Bethel	60 45	161 47	11·6	..	1008·8	..	275·6	281·3	8th	269·7	257·4	30th,31st	272·7	..	+ 0·5	52	+10
205	ϕTanana	65 10	152 6	69·5	1004·9	1013·2	+ 6·1	272·0	278·0	4th,5th	265·9	254·1	31st	268·9	‡269·2	+ 1·0	45	+18
206	Rampart	65 30	150 15	114	..	..	..	270·2	277·4	5th	264·0	254·7	19th	267·1	..	- 0·2	15	-10
207	Valdez	61 7	146 16	122	..	..	..	277·6	284·7	23rd	270·1	263·0	30th	273·8	..	..	105	..
208	ϕEagle	64 46	141 12	248	982·6	1012·5	+ 5·4	272·4	282·4	4th	264·2	251·9	16th,17th	268·3	‡268·6	- 0·7	19	- 1
209	Dawson	64 4	139 29	324	974·8	1015·9	..	270·9	279·1	2nd	263·2	250·8	31st	267·1	267·2	- 2·7	15	-14
210	Aklavik	68 14	134 50	7·6	1015·1	1016·1	..	269·0	276·3	3rd	263·4	256·3	25th	266·2	266·4	..	42	..
211	ϕFort Good Hope	66 15	128 38	65·2	1010·9	1019·4	..	269·9	276·9	1st,2nd	262·9	252·4	17th	266·4	..	- 0·5	35	+ 8
212	Fort Simpson	61 52	121 35	129	999·8	1016·3	..	273·4	291·3	1st	266·4	256·9	18th	269·9	269·9	- 1·2	10	-24
213	Hay River	60 51	115 57	161	994·6	1015·0	..	274·1	291·3	1st	267·2	258·6	19th	270·7	270·2	- 2·4	24	+ 1
225	Jacobshavn	69 13	51 2	31·6	1004·0	1008·0	+ 0·4	270·8	276·3	7th	266·7	255·0	31st	268·7	269·0	- 0·3	42	+18
226	Godthaab	64 10	51 43	20	..	..	..	275·2	281·2	1st	271·2	264·8	30th	273·2	273·2	+ 1·0	66	+ 3
227	Ivigtut	61 12	48 10	30·0	1004·6	1008·4	+ 3·0	276·4	287·1	1st	270·6	260·4	27th	273·5	274·1	+ 0·1	117	-32
229	Angmagsalik	65 36	37 33	29·3	1004·7	1008·4	+ 1·6	273·6	280·6	8th	268·8	260·1	30th	271·2	271·2	- 0·6	53	-99
231	Stykkisholm	65 5	22 46	25	..	1001·4	- 3·7	278·1	285·5	1st	273·7	266·5	31st	275·9	275·5	- 0·7	41	-36
232	Vestmanno	63 24	20 17	132	..	998·0	- 7·1	278·8	283·5	4th	275·2	267·7	30th	277·0	276·9	- 0·8	123	-24
233	Grimsey	66 33	18 1	22	..	1001·4	- 6·0	275·8	281·7	1st	..	..	..	..	274·2	- 1·5	54	+19
234	Teigarhorn	64 41	14 22	18	..	998·6	- 7·7	279·5	288·1	2nd	274·7	269·0	29th	277·1	276·6	+ 0·1	220	+94
235	Højvig	62 3	6 45	22·9	995·2	998·0	- 9·6	282·9	287·1	15th	277·9	271·9	31st	280·4	280·1	+ 0·9	204	+49
236	Lerwick	60 8	W. 1 11	18·0	..	999·9	- 8·4	283·2	286·9	16th	280·3	274·1	31st	281·7	281·8	+ 0·8	120	+20
237	Bergen (Fredriksberg)	60 24	E. 5 19	44·4	997·7	1003·1	- 7·1	284·1	291·3	16th	279·5	273·4	31st	281·8	281·7	+ 1·2	284	+79
238	Aalesund	62 28	6 10	6·3	1000·5	1001·3	- 7·3	..	292·2	16th	279·6	274·1	10th	..	282·3	+ 1·8	136	-24
239	Trondheim	63 26	10 25	59·2	994·9	1002·1	- 8·4	281·7	291·6	18th	276·2	271·4	28th	278·9	279·3	+ 1·6	120	+32
240	Bodö	67 17	14 26	17·0	999·4	1001·5	- 7·3	..	284·5	18th	276·2	268·8	10th	..	278·2	+ 0·8	95	- 7
241	Haparanda	65 50	24 9	9·2	1004·4	1005·5	- 5·9	277·7	283·0	17th	272·7	263·0	7th	275·2	275·4	+ 1·0	88	+32
242	Helsingfors	60 10	24 57	11·7	1006·3	1007·7	- 6·7	281·4	284·1	17th	277·0	267·6	8th	279·2	279·5	+ 1·1	63	- 3
242a	Kuopio	62 55	27 40	233	979·4	1008·1	- 4·5	277·5	284·2	17th	273·4	266·1	8th	275·5	275·5	- 0·7	75	+24
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Arkhangelsk	64 34	40 31	6·3	1008·6	1009·4	- 2·9	..	..	..	..	..	..	..	274·8	+ 0·6	28	-12
246	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 25	52 18	? 68	1000·8	1009·4	- 2·7	..	..	..	..	..	..	..	271·8	+ 0·3	30	- 7
248	Tcherdyn	60 24	56 31	?208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	46	1007·0	1012·9	+ 0·8	..	..	..	..	..	..	..	269·7	+ 0·2	10	-14
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	1006·8	1012·9	- 0·4	..	..	..	..	..	..	..	270·7	+ 0·2	78	+43
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	1006·6	1012·4	- 1·2	..	..	..	..	..	..	..	267·9	+ 1·8	43	+11
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	1003·5	1017·5	+ 1·4	..	..	..	..	..	..	..	264·3	- 0·8	23	+ 5
263	Verkhoïansk	67 33	133 24	100	996·3	1009·6	- 2·6	..	..	..	..	..	..	..	256·1	- 2·3	7	0
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	1006·2	1008·4	- 3·5	..	..	..	..	..	..	..	266·3	- 1·9	11	- 4
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ϕChange of normals, see Table of Authorities, pages 105-15.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	ϕSt. Paul Island	57 15	170 10	28·0	..	1007·8	+ 4·6	279·4	282·4	5th	276·2	271·9	29th,30th	277·8	..	+ 1·0	86	..
303	ϕDutch Harbour (Radio)	53 55	166 30	4·0	1007·8	1008·1	+ 5·5	282·1	285·8	6,8,9	276·6	272·4	30th	279·3	‡279·5	+ 1·0	183	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	Dillingham	59 0	158 28	24·4	..	..	..	281·2	288·6	8th	272·0	265·2	28,30,31	276·6	..	+ 1·4	123	..
306	ϕKodiak (Radio)	57 47	152 22	4·6	1006·4	1007·1	+ 7·2	281·6	287·4	8th	274·4	268·6	31st	278·0	‡278·2	- 1·1	75	..
309	Sitka	57 3	135 19	19·8	..	..	..	283·7	289·1	23rd	275·6	269·1	17th	279·7	..	- 1·0	331	..
310	Prince Rupert	54 18	130 18	51·8	1006·3	1012·6	+ 0·6	283·0	288·6	3rd	277·7	271·3	9th	280·3	280·8	- 1·1	296	..
311	Prince George	53 50	122 48	570	947·6	1016·1	..	282·1	296·3	2nd	272·1	263·0	15th,16th	277·1	277·2	- 0·8	51	..
312	Kamloops	50 41	120 29	385	973·6	1020·2	+ 0·1	283·4	293·6	3rd	276·1	270·2	16th,17th	279·7	279·8	- 1·9	26	..
313	Calgary	51 2	114 2	1058	893·3	1017·1	+ 3·1	281·6	298·6	3rd	269·4	258·6	16th	275·5	275·2	- 2·9	21	..
314	Fort Smith	60 0	111 52	183	989·0	1012·1	..	275·5	294·1	3rd	267·5	259·1	15th	271·5	271·2	- 0·6	26	..
315	ϕPrince Albert	53 10	105 38	437	962·4	1016·1	+ 1·0	278·0	294·7	3rd	269·9	254·1	21st	273·9	273·7	- 2·7	65	..
316	Qu'Appelle	50 30	103 47	**654	938·5	1017·3	+ 1·8	279·4	289·7	2nd,3rd	269·9	260·8	18th,21st	274·7	274·1	- 2·7	34	..
317	ϕMinnedosa	50 15	99 50	515	953·2	1016·0	+ 0·8	279·9	290·8	3rd	270·1	259·1	30th	275·0	274·2	- 2·0	52	..
318	ϕBersas River	52 18	97 23	216	..	..	..	279·9	289·1	6th	271·7	260·2	31st	275·8	..	- 1·7	123	..
319	Pagwa	50 3	85 18	189	..	..	..	..	..	..	270·9	258·0	24th	..	..	..	75	..
320	Moose Factory	51 14	80 30	9·1	1011·5	1012·6	..	281·8	298·6	12th	272·6	260·8	25th	277·2	277·3	+ 0·1	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	281·8	297·4	12th	274·8	266·3	22nd	278·3	..	+ 2·5	42	..
323	Natashquan	50 8	61 48	6·1	..	..	..	283·3	290·2	2nd	272·9	267·4	29th	278·1	..	+ 1·1	32	..
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††59 13	††17 29	§ (57)	..	..	..	..	..	Sea Temp. 283·3	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1006·8	1008·5	- 3·5	286·3	289·9	3rd	283·0	279·6	9th	281·3	..	+ 0·9	..	..
335	Aberdeen	57 10	W. 2 6	26·0	999·8	1002·9	- 7·3	284·5	288·5	14th	279·4	273·2	31st	284·7	284·8	+ 0·9	190	..
336	Greenwich	51 28	0 0	46·3	..	1011·4	- 2·2	288·9	294·1	15,16,17	280·2	271·9	27th	281·9	282·0	+ 0·6	78	..
337	Uccle	50 48	E. 4 22	100	1000·5	1012·6	- 1·9	288·2	297·0	17th	280·6	274·5	27th	284·5	284·2	+ 1·3	27	..
338	De Bilt	52 6	5 11	3·0	1010·8	1011·2	- 2·7	287·7	295·1	18th	279·9	274·4	27th	284·4	283·7	+ 1·2	81	..
338a	Hamburg	53 33	9 58	40·3	1005·6	1010·5	- 4·2	286·1	294·4	16th	279·6	274·1	26th	283·8	283·3	+ 0·7	63	..
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1007·6	1008·2	- 5·2	285·3	288·6	14th,19th	279·7	274·3	2nd	282·5	282·8	+ 1·9	75	..
340	Potsdam	52 23	13 4	84·9	1001·3	1011·6	- 3·9	286·1	293·1	16th	278·8	274·1	2nd	282·5	282·2	+ 0·8	98	..
340a	Uppsala	59 51	17 38	24	1003·2	1006·1	- 7·0	282·6	288·5	16th	276·6	269·8	2nd	279·6	279·8	+ 1·6	71	..
341	Warsaw	52 13	21 3	88·3	1001·4	1012·1	- 6·3	288·1	294·1	17th	278·4	273·7	28th	283·3	282·1	..	57	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	999·1	1009·0	- 6·4	282·2	288·6	19th	277·0	270·0	9th	279·6	279·7	+ 1·8	67	..
343	Leningrad	59 56	30 16	4·8	1008·6	1009·2	- 6·0	..	..	..	..	..	..	..	278·7	+ 1·0	26	..
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	994·4	1014·6	- 4·6	..	..	..	..	..	..	..	278·5	+ 1·8	67	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..	..	..
346	Kazan	55 47	49 8	80·6	1007·5	1017·4	- 2·6	280·0	287·1	1st	274·7	267·0	20th	277·3	277·1	+ 0·7	51	..
347	Orenburg	51 45	55 6	109	1007·8	1021·4	- 1·2	..	..	..	..	..	..	..	277·9	+ 0·5	33	..
348	Perm	58 1	56 16	163	995·4	1015·7	- 2·1	..	..	..	..	..	..	..	274·5	+ 0·4	55	..
349	Sverdlovsk	56 50	60 38	281	981·0	1015·8	- 1·9	..	..	..	..	..	..	..	275·1	+ 1·7	30	..
350	Tobolsk	58 12	68 14	108	1001·1	1014·7	- 1·9	..	..	..	..	..	..	..	273·7	+ 0·5	58	..
351	Akmolinsk	51 12	71 23	347	978·2	1021·0	- 2·6	..	..	..	..	..	..	..	275·4	+ 0·5	9	..
352	Omsk	55 1	73 19	108	1004·3	1017·8	- 1·6	..	..	..	..	..	..	..	275·4	+ 0·8	7	..
353	Barnaoul	53 20	83 47	158	1002·7	1022·5	- 0·1	..	..	..	..	..	..	..	275·4	+ 0·7	51	..
354	Tomsk	56 30	84 58	123	1003·0	1018·3	- 1·6	..	..	..	..	..	..	..	275·1	+ 0·7	37	..
355	Minousinsk	53 43	91 41	249	992·0	1023·1	- 0·3	..	..	..	..	..	..	..	275·0	+ 2·1	..	..
356	Eniseisk	58 27	92 10	81·2	1008·6	1018·8	+ 0·3	..	..	..	..	..	..	..	274·0	- 0·3	9	..
357	Irkutsk	52 16	104 19	467	965·2	1022·6	- 0·4	..	..	..	..	..	..	..	274·4	+ 2·7	30	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	274·8	+ 1·9	32	..
359	Tchita	52 2	113 30	685	939·1	1022·3	+ 2·0	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	945·1	1020·4	+ 1·0	..	..	..	..	..	..	..	273·8	+ 2·3	14	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	274·5	+ 3·1	12	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	999·9	1017·5	+ 0·4	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	276·7	+ 2·1	0	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1008·2	1013·5	+ 1·7	..	..	..	..	..	..	..	..	..	..	..
366	Okhotsk	59 21	143 17	5·5	1009·2	1009·9	- 1·9	..	..	..	..	..	..	..	..	..	42	..
368	Petropavlosk (Phare)	52 53	158 43	87·1	991·6	1002·2	- 6·5	..	..	..	..	..	..	..	273·5	- 1·4	5	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	267·7	- 2·6	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	69	..
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
															277·2	+ 0·4	..	..

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
**Height changed from 651m. to 654m. from October 1st.
§ Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
ϕChange of normals, see Table of Authorities, pages 105-15.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1008·4	1017·0	+ 0·1	285·2	289·1	3rd	280·0	275·2	16th	282·6	282·3	- 0·6	122	+57
412	Portland, Oregon	45 32	122 41	46·6	1012·9	1018·3	+ 0·1	289·3	293·6	1st	280·8	276·3	16th	285·1	284·7	+ 0·1	55	-28
413	Macleod	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
414	Helena	49 44	113 24	953	..	..	..	282·7	296·3	4th	272·6	259·7	17th	277·6	277·3	- 2·3	18	+ 1
414a	Salt Lake City	46 34	112 4	1257	874·5	1018·3	- 0·3	283·1	293·0	4th	273·9	261·3	17th	278·5	278·4	- 1·6	30	+ 8
415	Cheyenne	40 46	111 54	1329	868·6	1016·9	- 0·4	288·0	294·7	8th	277·8	271·9	16th	282·9	283·2	- 1·4	36	- 3
415a	North Platte	41 8	104 48	1856	813·4	1016·6	- 0·7	286·6	295·2	9th	273·3	265·8	17th	279·9	279·9	- 0·3	38	+17
416	Bismarck	41 8	100 45	860	917·5	1017·3	- 0·4	289·6	303·0	10th	277·1	268·0	30th	283·3	283·4	+ 0·2	105	+78
417	Winnipeg	46 47	100 38	510	955·3	1016·6	- 0·2	283·2	295·8	8th	273·2	263·0	18th	278·2	278·7	- 1·8	49	+25
418	Duluth	49 53	97 7	232	987·1	1015·8	..	280·7	288·6	3rd	273·0	264·1	31st	276·9	276·3	- 0·9	76	+41
419	ϕFort Arthur	46 47	92 6	345	975·2	1017·3	+ 1·4	282·4	298·6	12th	274·4	264·1	31st	278·4	278·4	- 1·1	39	-23
420	Chicago	48 27	89 12	196	992·4	1016·5	+ 0·7	281·7	294·1	12th	275·1	266·3	18th,21st	278·4	278·1	+ 0·1	86	+25
421	Toronto	41 47	87 35	205	994·7	1019·6	+ 2·4	287·4	299·7	10th	280·3	268·6	20th	283·9	283·6	- 1·8	71	+ 6
422	ϕNew York (Central Park)	43 40	79 24	116	1005·1	1019·3	+ 1·5	286·5	296·9	13th	278·4	270·2	25th	282·4	281·8	+ 0·2	47	-18
423	ϕSt. John, N.B.	40 47	73 58	47·4	1012·3	1018·0	- 0·1	290·4	298·6	13th	281·8	275·2	21st	286·1	285·8	- 0·4	43	-52
424	S.W. Point, Anticosti	45 17	66 4	36·3	1012·5	1016·9	..	286·8	301·9	13th	279·1	271·9	21st	282·9	282·5	+ 1·7	94	-21
424a	Sable Island (Main Station)	43 24/	63 33	9·1	1017·1	1018·2	..	282·9	288·6	12,14,16	276·9	271·9	21st,22nd	279·9	279·9	+ 2·5	20	-70
425	Fort aux Basques	43 57	60 6	7·6	1013·5	1014·4	..	287·2	290·8	5th,6th	282·9	276·9	22nd,31st	285·1	285·1	+ 0·8	154	+28
426	St. John's, Newfoundland	47 35	59 10	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
436	Nantes	40 24	3 41	667	942·4	1019·1	+ 1·7	294·2	303·0	3rd	283·8	276·6	26th	289·0	288·4	+ 2·7	33	-13
437	Paris (Parc St. Maur)	47 15	W. 1 34	36·5	1010·9	1015·3	- 0·1	289·9	296·1	15th	283·3	278·3	21st	286·6	286·2	+ 2·1	108	+12
438	Marseille	48 49	E. 2 30	50·3	1008·9	1015·0	- 0·9	289·0	295·4	17th	281·3	273·8	27th	285·2	284·9	+ 1·9	94	+39
438a	Zürich	43 18	5 23	75	..	1016·5	+ 1·8	293·1	297·8	1st	283·6	277·2	28th	288·3	288·0	+ 0·2	30	-68
439	Rome	47 23	8 33	493	958·9	1017·4	0·0	287·3	292·7	8th	278·8	274·8	28th	283·1	282·2	+ 0·6	143	+52
440	Vienna	41 54	12 29	45·5	1010·1	1015·5	- 0·3	294·6	299·0	1st	284·6	275·1	28th	289·6	289·4	- 0·2	47	-81
440a	Budapest	48 15	16 22	203	990·5	1015·0	- 2·5	286·3	293·2	9th	280·0	274·3	4th	283·2	283·0	0·0	209	+162
441	Sofia	47 31	19 1	130	999·6	1015·3	- 2·6	289·4	296·7	9th	280·9	273·5	4th	285·1	284·5	+ 0·7	131	+72
442	Bucharest	42 42	23 20	550	952·8	1017·4	- 1·3	289·1	295·1	6th	280·0	273·3	4th	284·5	284·1	- 0·1	57	- 1
443	Odessa (Observatory)	44 25	26 6	82	1007·4	1017·3	- 1·7	291·5	299·0	10th	280·6	273·2	30th	286·1	285·5	+ 0·9	22	-21
444	Kharkiv (University)	46 26	30 46	42·8	1012·9	1018·1	- 1·7	289·1	295·4	1st	281·4	273·3	4th	285·3	285·2	+ 0·9	29	- 2
444a	Novorossiisk	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Tiflis	44 44	37 49	37·1	1013·8	1018·3	- 0·5	..	..	..	..	..	..	..	..	..	..	..
446	Astrakhan	41 43	44 48	404	973·0	1020·3	- 0·8	292·2	299·9	2nd	282·7	278·6	6th	287·4	287·3	+ 0·5	49	+ 1
447	Fort Alexandrovsk	46 21	48 2	-20	1024·3	1021·9	- 1·1	..	..	..	..	..	..	..	..	+ 0·6	29	- 8
448	Krasnovodsk	44 31	50 7	-23·0	1023·5	1020·7	- 0·9	..	..	..	..	..	..	..	..	..	0	-11
449	Kasalinsk	40 0	52 59	-4·6	1021·4	1020·8	+ 0·3	..	..	..	..	..	..	..	282·7	0·0	6	- 8
450	Tashkent	..	..	..	..	..	..	..	..	..	..	..	..	..	284·6	- 0·2	8	- 1
451	Andijan	45 46	62 8	66·7	..	..	..	..	..	..	..	..	..	..	288·3	- 1·7	..	..
452	Alma Ata	41 20	69 18	479	964·7	1021·0	- 1·1	292·6	306·9	11th	279·9	272·7	22nd	286·2	285·7	+ 0·7	47	+20
461	Moukden	40 47	72 23	503	962·6	1021·8	..	293·7	303·2	5th	279·7	272·9	23rd	286·7	285·7	..	23	..
462	Joshin	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	281·2	..	60	..
463	Tuki	41 46	123 24	44·3	1014·0	1019·4	+ 0·2	289·4	298·4	7th	276·6	270·2	31st	283·0	282·4	+ 0·4	33	- 6
464	Vladivostok	40 40	129 12	31·9	1014·4	1018·3	+ 0·3	290·0	295·2	10th	280·9	275·8	31st	285·5	285·2	+ 0·6	132	+85
465	Ochiai	42 20	130 24	63·8	1010·5	1018·3	+ 0·7	288·5	296·0	6th	279·2	271·3	31st	283·9	284·0	+ 1·1	88	+14
466	Nemuro	43· 7	131 54	128	?1003·2	?1018·8	+ 0·6	..	..	..	..	..	..	..	283·2	+ 0·9	20	-26
466a	Oyama	47 20	142 47	27·4	1010·4	1013·8	- 0·2	285·6	295·5	8th	275·0	267·3	29th	280·3	280·1	+ 0·9	59	-40
		43 20	145 35	26·7	1012·1	1015·3	- 0·4	288·3	293·9	6th	281·0	276·3	29th	284·7	284·8	+ 1·4	94	- 3
		45 14	147 53	39·3	1009·5	1014·3	- 0·9	286·2	293·5	4th	277·6	270·4	29th	281·9	282·4	+ 0·6	104	- 6
		N.	E.															

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
508	35°-30°N. 145°-140°W.	††31 43	††141 54	§ (26)	..	1020·3	- 2·0	..	..	Sea Temp. 294·7	+0·6	..	..	..	..	..	..	..
511	San Francisco	37 48	122 26	47·2	1009·1	1014·9	- 1·7	295·0	306·3	6th	..	..	..	..	293·6	+ 0·6	..	..
512	Sacramento	38 35	121 30	21·0	1011·6	1013·9	- 1·2	297·8	306·3	5th	285·6	284·1	23rd	290·3	289·3	+ 2·4	23	- 1
513	San Diego	32 43	117 10	26·5	1009·3	1012·5	- 1·9	295·6	304·7	6th	282·5	278·6	25th	290·2	290·7	0·0	12	- 8
514	Modena	37 48	113 54	1668	833·8	1014·9	- 1·2	289·4	295·2	7th	286·9	284·1	23rd	291·2	291·1	+ 0·9	6	- 3
515	Santa Fé	35 41	105 57	2138	787·8	1013·5	- 1·0	289·9	295·2	9th	272·1	265·8	29th	280·8	280·7	- 1·2	28	+ 4
516	Denver	39 45	105 0	1613	837·5	1015·6	- 1·2	289·3	299·7	9th	276·6	270·2	29th	283·3	283·4	+ 0·4	16	-12
517	Abilene	32 23	99 40	530	955·7	1016·9	- 0·3	295·3	303·6	8th	276·8	269·7	17th	283·1	284·0	- 0·2	16	- 9
518	Saint Louis	38 38	90 12	173	998·6	1019·3	+ 1·0	291·4	301·9	10th	286·2	276·9	29th	290·7	290·2	- 0·5	159	+96
519	Mobile	30 41	88 2	17·4	1016·0	1017·9	+ 0·7	297·3	303·0	8th	282·4	272·4	31st	286·9	286·8	- 0·7	47	-25
520	Nashville	36 10	86 47	166	1000·5	1020·6	+ 1·1	293·3	301·9	11th	287·8	277·4	31st	292·6	292·2	- 0·2	108	+19
521	Charleston	32 47	79 56	14·6	1016·9	1018·6	+ 0·6	295·4	303·0	16th	282·3	273·0	31st	287·8	287·9	- 1·0	54	- 7
522	Washington	38 54	77 3	34·1	1015·4	1019·6	+ 0·6	292·1	301·9	17th	287·1	280·2	31st	291·3	291·4	- 1·1	20	-71
524	Bermuda	32 17	64 46	38·1	1010·1	1015·4	..	299·5	303·6	1st	280·8	272·4	21st	286·4	285·8	- 0·4	7	-66
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		293·3	288·6	22nd	296·4	296·1	- 0·2	150	+ 2
											°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§ Number of observations.
ϕChange of normals, see Table of Authorities, pages 105-15.

OCTOBER - ZONE 5 (EUROPE, AFRICA, ASIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1015·4	1020·1	+ 0·6	294·2	298·7	8th	289·5	286·9	18th	291·8	291·4	- 0·2	136	
531	Horta	38 32	28 38	65	1012·1	1019·9	+ 0·7	294·7	298·8								80	
532	Ponta Delgada	37 44	25 40	22	1017·0	1019·6	+ 1·3	293·7	296·6	6th	288·4	286·2	24th	291·5	291·3	- 0·8	..	
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	6th	289·5	287·1	17th	291·6	291·7	- 0·1	81	
533	Madeira (Funchal)	32 38	16 55	25	1016·4	1019·3	+ 1·2	298·5	305·5	..	..	..	..	..	..	..	139	
535	Lisbon	38 43	9 9	95	1007·8	1019·0	+ 2·3	294·9	302·3	5th	292·6	289·8	28th	295·5	295·5	+ 2·3	63	
535a	✠Melilla	35 17	2 59	40	1014·3	1019·0	+ 1·3	298·0	303·5	4th	288·3	284·1	26th	291·6	291·3	+ 1·5	15	
536	Gibraltar	36 6	5 21	27·4	..	1018·6	+ 1·3	298·7	304·7	9th	292·0	288·3	23rd	295·0	294·5	+ 2·1	52	
536a	Colomb-Béchar	31 37	W. 2 13	769	931·8	1017·2	+ 1·8	304·6	309·0	7th,10th	289·7	285·2	27th	294·2	293·3	+ 2·1	0	
										1st	287·6	281·8	28th	296·1	295·2	+ 3·2		
537	Palma	39 34	E. 2 39	23	1015·2	1017·9	+ 0·9	298·3	303·6	6th	286·7	280·2	30th	292·5	292·0	+ 0·6	10	
538	Algiers (University)	36 46	3 13	59	1011·3	1018·2	+ 2·5	297·8	306·5	11th	291·7	286·5	27th	294·7	294·3	+ 2·0	18	
538a	Gadames	30 8	9 30	351	..	..	..	303·9	310·3	10th	287·4	279·3	28th	295·7	..	- 0·6	0	
539	Tunis	36 48	10 10	66	1009·6	1017·4	+ 1·1	296·7	306·3	6th	287·6	282·2	26th	292·2	291·9	- 0·6	91	
540	Malta	35 54	14 31	71·2	..	1016·3	+ 0·7	295·6	299·7	1st,13th	290·3	284·7	28th	292·9	292·0	- 1·7	74	
541	Athens	37 58	23 43	107	1003·3	1015·9	- 1·0	296·0	301·0	12th	288·0	282·6	31st	292·0	291·9	0·0	97	
542	Alexandria	31 12	29 53	32·0	1013·0	1016·7	+ 0·7	302·4	307·4	25th	293·2	289·4	31st	297·8	296·9	+ 0·5	20	
543	Ankara (Angora)	39 58	32 48	861	918·9	1016·6	- 2·1	293·8	300·1	1st	278·4	271·9	5th	286·1	286·3	..	14	
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1014·1	- 0·7	301·2	305·2	13th,15th	287·3	283·6	6th	294·3	..	+ 0·2	28	
544	Beirut	33 54	35 28	33·7	..	1014·7	- 0·6	300·7	303·6	1st	293·8	292·0	6th	297·3	297·1	+ 0·5	6	
545	Hinaidi	33 17	44 29	32·9	1009·3	1013·0	- 0·4	306·6	313·9	2nd	288·6	283·9	7th	297·6	298·2	+ 0·2	0	
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	
547	Tehran	35 41	51 25	1220	872·7	1005·2	..	295·7	302·6	4th	283·9	280·3	11th	289·8	289·8	- 1·2	5	
548	Meshed	36 17	59 36	946	..	..	..	294·5	306·4	3rd	..	..	..	..	..	..	4	
549	Seistan	31 2	61 30	?610	959·0	..	..	301·1	310·9	6th	286·6	281·1	31st	293·8	..	+ 0·3	2	
550	Quetta	30 10	67 1	1647	838·4	..	0·0	296·9	303·6	8th	279·1	273·0	24th	288·0	288·0	+ 1·1	5	
551	Peshawar	34 1	71 35	355	971·1	1011·8	- 1·5	303·9	309·7	11th	288·6	282·4	31st	296·2	295·4	+ 0·4	9	
551a	Lahore	31 35	74 20	214	987·8	1012·4	+ 0·9	307·8	311·3	5 days	290·2	285·2	30th	299·9	298·2	+ 0·9	0	
552	Simla	31 6	77 10	2202	784·4	..	+ 0·7	289·3	294·7	1st	283·6	276·9	28th	286·4	286·4	- 0·8	15	
552a	Leh	34 9	77 34	3503	669·8	..	+ 0·6	..	..	..	272·6	267·9	25th	..	..	..	1	
558	Sian	34 31	109 5	365	972·3	1014·6	..	295·1	302·0	6th,10th	285·6	273·9	28th	290·3	290·8	..	79	
559	Hankow	30 35	114 17	39·1	..	1020·3	- 0·1	296·6	302·2	10th	287·4	282·6	3rd	292·0	291·4	+ 0·1	67	
560	Tientsin	39 9	117 9	6·4	..	1020·4	0·0	293·8	303·2	9th	282·0	273·4	31st	287·9	287·6	+ 0·6	20	
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1017·5	1018·3	- 0·8	296·6	300·7	6th	286·1	280·0	3rd	291·3	290·3	- 0·2	98	
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1009·7	1018·1	- 0·9	292·7	296·2	9th	283·7	280·4	11th	288·2	287·9	+ 0·6	89	
562a	Nagasaki	32 44	129 52	133	1000·1	1015·7	- 1·1	295·5	298·7	15th,18th	287·7	284·5	30th	291·6	291·0	0·0	113	
563	Kyoto	35 1	135 44	42·9	1011·0	1016·1	- 0·4	296·0	300·2	19th	283·6	278·7	13th	289·8	289·1	+ 0·4	132	
564	Tokyo	35 41	139 46	5·8	1015·4	1016·1	- 0·7	294·3	297·0	4th	285·6	280·1	31st	289·9	289·7	+ 0·9	256	
565	Hukusima	37 45	140 28	68·5	1008·8	1017·0	0·0	293·4	298·9	9th	281·0	275·8	15th	287·2	286·8	+ 0·1	92	
566	Miyako	39 38	141 59	30·4	1012·7	1016·4	- 0·3	293·2	298·8	7th	281·3	276·0	15th	287·3	286·3	+ 0·7	137	

OCTOBER - ZONE 6 (AMERICA, AFRICA). BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	✠Midway Island	28 13	177 22	5·8	1016·5	1017·3	..	300·9	303·6	3rd	290·5	286·9	7th	295·7	295·0	- 0·9	41	
605	Honolulu	21 19	157 52	11·6	1013·5	1014·9	- 1·2	301·3	301·9	15th	295·8	294·1	12th	298·6	298·3	+ 0·7	95	
613	Guaymas	27 55	110 53	8·3	1008·7	1009·6	..	305·9	312·7	22nd	295·2	291·5	20th	300·5	300·1	- 0·1	3	
615	Leon	21 7	101 41	1809	819·6	1008·4	- 2·4	298·2	302·9	2nd	286·8	280·2	31st	292·5	291·1	+ 0·1	173	
616	Monterry	25 40	100 18	528	954·0	1013·7	- 0·6	297·3	304·0	8th	291·0	283·3	30th	294·1	293·6	- 0·9	337	
617	Tulancingo	20 5	98 22	2181	789·2	..	- 1·2	293·1	299·8	6th,28th	284·0	279·4	31st	288·5	287·8	+ 0·3	298	
618	Galveston	29 18	94 50	16·5	1015·3	1017·3	+ 0·2	297·4	301·3	10th	292·4	284·7	31st	294·9	295·4	- 0·4	176	
618a	New Orleans	29 57	90 4	16·2	1015·4	1017·3	+ 0·3	298·4	303·0	16th	290·7	280·8	31st	294·6	294·0	0·0	122	
619	Merida, Yucatan	20 58	89 38	22	1009·2	1011·7	- 1·8	303·5	305·4	28th	296·4	294·6	5th,31st	299·9	298·4	+ 0·5	108	
620	Havana	23 7	82 25	77·0	1003·7	1012·5	- 0·9	302·5	305·4	7th	295·4	293·8	24th	298·9	298·5	..	107	
620a	Key West	24 33	81 48	6·7	1013·4	1014·2	+ 0·3	301·7	304·7	17th	296·4	292·4	31st	299·1	298·7	+ 0·1	198	
621	Nassau, Bahamas	25 5	77 20	9·6	..	1014·4	+ 0·3	301·9	304·7	3rd	295·7	294·1	27th	298·8	298·8	- 0·7	171	
622	San Salvador (Watling Island)	24 6	74 26	33·5	1010·6	1014·4	+ 0·1	..	304·7	30th	..	296·3	12th	..	299·9	- 0·6	..	
633	Port Etienne	20 56	17 3	4	1012·7	1013·1	..	305·7	314·6	6th	291·2	288·0	22nd	298·5	299·0	..	0	
634m	✠Izaña	28 19	16 30	2367	771·2	..	+ 1·6	287·9	293·4	4th	281·3	277·0	22nd	284·6	284·2	+ 1·8	40	
634	La Laguna	28 28	16 20	547	953·4	1015·8	- 0·7	298·6	308·5	6th	286·2	282·1	16th	292·4	291·6	+ 0·7	23	
636	Adrar	27 52	W. 0 17	?285	982·5	1014·3	..	..	..	..	291·5	288·0	sev.dates	..	301·5	..	0	
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	866·7	1008·9	..	..	..	..	288·0	284·0	24,25,26	..	297·0	..	0	
639	Sebha	27 1	14 27	424	..	..	..	303·5	312·7	16th	289·3	283·6	29th	296·4	..	..	0	
640	Hon	29 8	15 56	263	..	..	..	?303·5	?309·0	7th	?286·1	?279·0	29th	?294·8	..	..	0	
641	Giarabub	29 45	24 31	49	..	..	..	303·9	306·7	4th	290·3	285·9	31st	297·1	..	..	0	
642	Siwa	29 12	25 29	-23	1018·7	1016·0	- 0·5	..	..	..	285·7	281·5	30th	..	294·5	..	0	
643	Cairo (Helwan)	29 52	31 20	116	1002·0	1015·2	+ 0·1	303·2	308·5	26th	291·4	288·5	31st	297·3	297·0	+ 0·4	0	
643a	Aswan	24 2	32 53	100	1000·7	1011·8	+ 0·4	310·1	314·5	11th	294·0	290·8	22nd,23rd	302·0	301·1	+ 0·3	..	
644	Tor	28 14	33 37	1·9	1012·4	1012·6	+ 0·2	302·6	308·0	11th	291·9	288·6	25th	297·2	297·7	+ 0·7	0	
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics. ✠Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N. OCTOBER - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1012·4	1012·8	..	303·7	307·3	6th	295·8	292·4	30th	299·7	299·0	+ 0·3	0	- 2
648	Jask	25 45	57 45	4·0	1011·0	1011·6	..	305·5	310·9	3rd	297·6	293·2	31st	301·6	300·9	+ 0·2	10	+ 9
649	Karachi	24 48	66 59	4·0	1011·9	1012·4	+ 0·4	304·1	308·0	12th	296·3	293·0	25th,31st	300·2	299·5	+ 0·3	0	0
650	Jacobabad	28 17	68 29	56·7	1005·3	1011·7	+ 0·7	309·4	313·6	13th,14th	291·6	284·7	31st	300·5	299·7	+ 0·2	0	- 1
651	Jaipur	26 55	75 50	436	964·1	1012·6	+ 0·7	308·5	311·9	13th,14th	292·3	286·9	31st	300·4	299·5	+ 1·0	31	+23
652	Nagpur	21 9	79 7	310	978·2	1013·0	+ 1·4	306·4	309·1	4 days	293·7	291·3	12th	300·1	299·6	+ 0·8	37	-17
653	Allahabad	25 26	81 50	94·2	1001·3	1012·0	+ 0·8	306·7	309·1	22nd	293·7	289·7	23rd	300·2	299·4	+ 0·9	18	-41
653a	Darjeeling	27 3	88 16	2265	778·8	..	+ 0·4	289·7	293·9	2nd	282·5	279·6	31st	286·1	286·1	0·0	122	+ 6
654	Calcutta	22 32	88 20	6·4	1011·9	1012·7	+ 1·7	305·1	306·9	6th,20th	297·7	295·8	25,28,29	301·4	301·1	+ 1·4	27	-79
655	Gauhati	26 11	91 45	59·7	1007·3	1014·2	+ 1·6	302·8	306·1	6th	294·4	291·2	26th	298·6	297·9	- 0·5	43	-28
655a	Cherrapunji	25 15	91 44	1313	871·1	..	+ 1·0	294·3	296·7	10th	288·1	285·2	24th	291·2	290·6	- 0·7	436	-104
656	Akyab	20 8	92 55	6·1	1012·3	1013·0	+ 2·0	303·4	304·7	25th	296·3	294·2	22nd,26th	299·9	299·5	- 0·8	97	-180
656a	Mandalay	21 59	96 6	76·2	1004·8	1013·5	+ 1·8	306·8	308·3	21st	296·6	294·1	26th	301·7	301·3	+ 0·2	55	-65
657	Tengyueh	25 0	98 40	1634	837·0	1010·9	..	294·9	298·0	3rd,4th	285·0	277·4	27th	289·9	289·1	+ 0·1	90	-90
658	Pha Lien	20 48	106 38	116	..	1014·3	+ 0·6	303·6	305·2	26th	294·9	291·8	14th	298·3	298·3	+ 0·7	64	-50
659	Monway	21 31	107 58	9·0	..	1014·0	+ 0·5	304·0	305·5	10th,15th	293·6	289·6	11th	298·8	298·1	+ 0·7	38	-112
660	Hongkong	22 18	114 10	33·2	..	1014·3	+ 0·6	300·6	303·3	1st	295·8	292·0	4th	298·2	297·9	+ 0·3	10	-115
	Amoy	24 26	118 4	4·9	1016·0	1016·6	+ 0·8	300·8	305·2	1st	294·1	286·9	12th	297·5	296·9	- 0·9	5	-44
661	Taihoku, Formosa	25 2	121 31	9·3	1014·5	1015·6	+ 0·5	300·1	306·1	1st	293·2	290·4	4th	296·7	296·1	+ 0·2	60	-62
661a	Basco	20 28	121 59	18·7	..	1011·2	+ 0·7	302·4	304·7	17th	297·3	294·9	20th	299·9	299·4	0·0	672	+338
662	Naha	26 12	127 39	29·5	1010·7	1014·1	+ 2·1	299·3	301·5	1st,19th	294·5	291·8	31st	296·9	296·8	- 0·1	485	+323
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1012·0	1012·5	- 0·7	302·4	303·8	12th	295·7	293·4	24th	299·1	298·6	+ 0·1	168	+26
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N. OCTOBER - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N.	W.															
715	Colima	19 12	103 45	498	955·1	1010·6	- 0·2	304·2	308·0	30th	293·3	290·6	13th	298·7	297·2	- 0·6	83	- 7
716	Morelia	19 42	101 7	1923	808·5	1008·6	- 2·1	294·9	298·4	2nd	286·6	281·7	31st	290·7	289·9	+ 0·7	120	+53
718	Mexico, Tacubaya	19 24	99 12	2309	774·0	..	- 1·2	295·1	300·0	4th	283·1	279·5	31st	289·1	288·1	+ 0·5	119	+68
	Salina Cruz	16 12	95 12	56	1003·0	1009·4	- 2·0	302·1	306·0	4th	296·4	294·2	26th	299·3	299·7	- 0·2	166	+65
719	San Salvador	13 42	89 13	682	936·6	1012·2	+ 0·5	304·9	308·8	22nd	292·1	289·6	9th	298·5	295·9	0·0	145	-122
720	Belize	17 31	88 11	5·2	1009·8	1010·3	- 1·4	302·4	303·8	26th	296·9	294·7	4th,25th	299·7	299·3	- 0·2	283	-52
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1011·8	+ 0·3	304·2	307·0	23rd	295·8	293·9	5th	300·0	299·8	+ 0·3	122	-87
722	Port au Prince	18 33	72 20	37·4	1008·3	1012·6	+ 0·4	304·6	306·7	16th	295·2	293·6	17th	299·9	299·6	+ 0·2	188	+21
723	Caracas	10 30	66 56	1043	898·2	1012·5	..	299·1	303·3	3rd	290·1	288·0	18th	294·6	292·3	- 0·9	174	+77
724	San Juan, Porto Rico	18 29	66 7	25·0	1010·3	1013·2	+ 0·1	303·3	306·9	3rd	296·8	295·8	8th	300·0	299·5	+ 0·4	104	-51
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·5	1013·8	+ 2·5	303·5	304·7	sev.dates	296·2	295·2	8,11,23	299·9	299·3	+ 0·2	157	-40
725	Barbados	13 8	59 36	57·9	..	1012·5	+ 0·4	302·4	304·2	27th	295·6	293·4	23rd	299·0	298·8	- 0·4	106	-88
731	✠So Vicente, C. Verde Is.	16 54	25 4	11	1012·1	1013·3	- 0·1	301·4	304·0	7th	297·9	296·0	11th	299·7	299·7	+ 0·9	59	+29
732	✠Sao Tiago, C. Verde Is.	14 54	23 31	34	1009·7	1013·6	- 0·2	302·3	304·0	14th	297·3	295·0	1st	299·8	299·9	- 0·2	79	+47
734	Dakar	14 40	17 26	32	..	1011·8	..	305·5	308·1	25th	297·9	294·8	4th	301·7	301·7	+ 0·6	8	-32
735	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	303·1	304·7	29th	297·0	294·7	11,21,22	300·1	300·5	- 0·1	70	..
736	Médébalé	12 57	7 26	300	..	..	..	306·6	308·8	12th	295·4	293·4	25th	301·0	299·7	..	75	..
	Kabara	16 45	W. 3 1	273	..	..	..	310·9	315·7	9th	298·3	294·5	26th	304·6	303·9	..	2	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	309·4	311·9	24th	295·4	293·0	3rd	302·4	301·7	+ 0·6	0	-15
738	Kaduna Capital	10 32	7 25	?637	..	..	..	303·7	305·8	11th	..	..	..	..	‡298·3	+ 0·4	71	+ 1
739	Kadsija	12 40	10 5	?	..	..	..	308·5	310·2	sev.dates	294·1	291·3	14th,25th	301·3	300·6	+ 0·2	9	+ 3
740	Maiduguri	11 47	13 11	361	..	..	..	308·7	311·3	28th	..	..	..	..	‡301·4	- 1·1	38	+23
741	Fort Lamy	13 32	25 18	730	926·7	1007·0	..	311·5	313·5	15th,16th	290·3	283·5	31st	300·9	299·7	+ 0·1	1	- 5
743	El Obeid	13 11	30 14	563	945·9	1007·5	+ 0·3	310·3	312·7	15th	292·8	287·0	30th	301·6	301·4	+ 0·8	16	- 2
743a	Khartoum	15 37	32 33	390	964·6	1007·5	+ 0·1	312·6	315·0	8th	297·8	293·8	25th	305·2	305·5	+ 1·0	1	- 4
744	Port Sudan	19 37	37 13	5·5	1011·0	1011·6	+ 0·8	306·7	309·2	4th	298·0	296·1	24th	302·4	302·2	+ 0·3	21	+11
745	Berbera, Somaliland	10 26	45 2	13·8	1009·7	1011·3	- 0·1	305·4	307·4	3rd	298·1	293·0	24th	301·8	301·9	+ 0·3	24	+21
746	Aden	12 49	45 2	29·9	1009·2	1012·6	+ 0·3	305·8	308·9	15th	298·9	296·7	10th	302·3	301·4	+ 0·5	0	- 2
751	Bombay	18 54	72 49	11·3	1010·1	1011·4	- 0·1	305·8	308·6	26th	298·3	295·2	7th	302·1	301·3	+ 1·1	64	+ 9
752	Kodaikanal	10 14	77 28	2343	771·5	..	+ 0·4	289·7	292·6	3rd	283·8	282·0	18th	286·7	286·4	- 0·1	660	+414
752a	Bangalore	12 58	77 35	921	910·9	1011·5	+ 0·5	300·5	303·7	5th	292·1	290·8	27th	296·3	295·4	+ 0·3	245	+95
753	Madras	13 4	80 15	6·7	1010·2	1011·0	+ 0·5	303·2	305·8	6th,7th	296·8	295·2	1st	300·0	299·2	- 0·9	733	+435
754	Vizagapatam	17 42	83 18	38·4	1008·2	1012·5	+ 2·0	303·0	305·4	4th	297·4	294·9	28th	300·2	299·5	+ 0·7	214	+34
755	Port Blair	11 40	92 43	18·0	999·9	1012·1	+ 1·3	303·7	305·0	26th	298·9	297·2	19th	301·3	300·6	+ 0·8	82	-199
756	Rangoon	16 46	96 11	5·5	1012·5	1013·1	+ 1·6	305·9	308·0	29,30,31	297·9	296·4	6th	301·9	301·0	+ 1·2	92	-83
757	Cap St. Jacques	10 20	107 5	180	..	1011·8	..	302·6	304·2	27th	296·6	295·8	5,11,13	299·6	299·2	+ 0·6	51	-155
758	Khatrang	12 15	109 12	3·6	..	1011·5	..	303·1	304·6	4th	296·2	294·0	15th	299·7	299·2	+ 0·2	89	-249
759	Bolinao	16 23	119 53	2	..	1009·8	+ 2·2	305·0	306·7	26th	296·8	295·6	19th	300·9	301·0	+ 0·7	44	-121
761	Vigan	17 34	120 23	12·2	..	1009·9	+ 1·4	304·9	306·4	29th	297·3	295·5	31st	301·1	300·3	0·0	153	+ 2
761a	Manila	14 35	120 59	14·2	..	1010·4	+ 1·6	305·0	306·7	30th	296·4	295·1	25th	300·7	299·9	+ 0·4	87	-102
762	Ormoc	11 0	124 36	5·6	..	1009·2	+ 1·3	305·4	307·0	22nd	295·6	293·4	13th	300·5	299·8	+ 0·6	50	-187
765	✠Guan, Ladrone Is.	13 24	144 38	18·6	..	1009·2	+ 1·6	303·5	304·9	17th	297·7	296·3	29th	300·6	300·5	+ 0·4	190	-146
766	Saipan	15 14	145 46	207	987·6	1007·8	..	301·5	302·8	19th	296·8	294·4	3rd	299·1	298·9	..	254	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics. ✠See Table of Authorities, Remarks, pages 105-15. ‡Change of normals, see Table of Authorities, pages 105-15.

OCTOBER - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	¢Fanning Island	3 54 N.	159 23 W.	5·3	1009·3	1010·0	- 1·3	..	..	..	298·4	294·7	24th	..	‡304·6	+ 1·7	243	..
821	Cristobal	9 23	79 54	11·0	..	1009·8	- 0·5	303·6	305·8	1st	297·2	295·8	17th	300·4	299·3	+ 0·9	184	..
822	Bogota	4 36	74 5	2645	746·4	..	+ 0·6	292·0	295·8	5th	283·3	281·0	29th	287·7	286·9	+ 0·2	136	..
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	1006·4	1010·7	+ 0·8	305·7	307·2	2nd	296·9	294·8	17th	301·3	300·7	+ 0·1	95	..
824	El Peru, Guayanavieja	7 19	61 49	220	984·4	1009·0	- 0·3	304·8	306·3	4,8,11	296·8	294·7	11th	300·8	300·3	+ 2·0	158	..
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1010·9	- 0·6	304·1	304·9	9th	297·8	295·8	15th	300·9	300·5	+ 0·6	43	..
826	Paramaribo	5 49	55 9	3·7	1010·7	1011·1	- 1·1	306·7	308·2	25th	296·3	294·6	28th	301·5	300·6	+ 0·6	93	..
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	7	..
831	10°-5°N. 30°-25° W.	††7 4	††27 3	§(51-78)	..	1013·2	+ 1·0	..	..	Sea Temp.	300·4	+0·2	..	..	..	..	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	300·0	+ 0·5	..	..
834	Freetown, Sierra Leone	8 29	13 14	55·0	1005·4	1011·7	+ 1·8	302·3	304·7	24th	..	..	..	..	..	..	..	..
835	Assuantsi	5 18	1 15	97·3	1000·6	1011·7	..	302·8	305·8	22nd	294·7	293·0	14,27,31	298·5	297·8	- 1·2	234	..
836	Accra	5 33	W. 0 12	17·7	1010·1	1012·1	+ 0·5	302·2	305·2	22nd	294·9	292·4	30th	298·9	298·4	+ 0·5	208	..
837	Lagos	6 27	E. 3 24	3·0	1010·1	1010·5	- 0·5	302·8	304·1	16,24,31	296·4	292·4	28th	299·3	298·9	+ 0·1	74	..
838	Victoria, Nigeria	4 1	9 12	15·5	1010·7	1012·5	..	302·8	307·4	24,26,27	296·9	294·7	13th	299·9	299·2	+ 0·4	316	..
839	Yola	9 12	12 30	259	..	..	..	305·6	308·6	28th	294·2	289·1	10th	298·5	297·9	..	670	..
841	¢Wau	7 42	28 3	440	961·1	1010·0	+ 1·6	..	..	..	295·7	293·0	13th	300·7	300·0	0·0	95	..
843	Malakal (Kodok)	9 35	31 37	394	965·4	1009·5	+ 0·5	308·5	313·0	14th	293·9	292·4	3rd,21st	..	299·4	+ 0·9	100	..
843a	Mongalla	5 11	31 47	448	959·9	1010·3	+ 0·5	307·2	311·0	13th,14th	294·6	292·0	24th	301·6	299·9	+ 0·6	76	..
844	Entebbe	0 5	32 29	1171	884·5	1010·6	+ 1·0	299·3	301·3	12,13,15	293·5	291·6	27th	300·4	298·4	- 0·3	76	..
845	Sheikh	9 55	45 15	1463	..	..	..	298·4	301·9	7th	290·4	288·0	24th	294·9	294·4	+ 0·5	66	..
851	Minicoy	8 18	73 0	2·7	1011·0	1011·4	- 0·2	302·8	304·6	14th	285·2	280·8	31st	291·8	291·1	..	182	..
851a	Cochin	9 58	76 14	2·7	1011·3	1011·6	+ 0·1	302·1	305·4	19th	297·6	294·6	17th	300·2	299·5	..	197	..
852	Colombo Observatory	6 54	79 52	7·3	..	1010·4	+ 0·6	302·1	303·0	2nd	297·2	295·1	29th	299·7	299·0	- 0·2	530	..
853	Numara Eliya	6 58	80 46	1881	813·7	1012·0	+ 0·4	292·5	294·9	16th	296·3	295·2	29th	299·2	298·5	- 0·3	848	..
854	Trincomalee	8 35	81 15	30·2	..	1008·8	+ 0·8	302·8	307·7	1 st	284·4	281·9	1st	288·4	287·8	0·0	473	..
855	Kuta Raja	5 32	95 20	7·1	..	..	..	..	..	..	296·6	295·5	20th	299·7	299·0	- 0·8	438	..
856	Medan	3 35	98 41	25	..	1010·9	+ 0·6	302·5	304·4	25th	..	..	..	..	..	..	..	..
857	Penang	5 34	100 20	5·0	..	..	..	304·6	305·8	14th	295·4	294·0	22nd	298·9	298·4	+ 0·2	119	..
857a	Butterworth	5 25	100 22	2·1	..	1009·4	..	303·3	304·7	14th	296·7	295·8	3rd	300·6	300·1	+ 0·6	343	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	1000·1	1010·5	+ 0·5	303·8	306·3	27th	296·2	295·8	sev.dates	299·7	299·1	..	440	..
859	Sandakan	5 50	118 7	31·7	..	..	..	305·2	306·3	14th	296·4	294·7	6th	300·1	299·1	..	381	..
860	Iwahig	9 44	118 38	14·3	..	1009·4	+ 1·6	304·5	305·7	17th	297·2	296·3	7th,15th	301·2	301·4	+ 0·8	235	..
861	Tagbilaran	9 38	123 51	21·3	..	1009·5	+ 1·2	305·8	307·0	2nd	296·1	295·2	7th,9th	300·3	299·9	+ 0·9	117	..
861a	Menado	1 30	124 50	8·5	..	1010·2	+ 1·3	304·7	305·7	23rd	296·8	295·8	10th	301·3	300·1	+ 0·3	184	..
862	Surigao	9 48	125 29	6·0	..	1009·9	+ 1·6	304·7	307·2	12th	295·7	292·8	15th	300·2	300·1	+ 0·6	42	..
863	¢Kolonie, Yap	9 29	138 8	29·3	..	1010·6	+ 2·2	305·0	306·3	30th	297·4	296·0	6th	301·1	300·5	+ 0·6	59	..
864	Palau	7 20	134 29	31·8	1007·1	1010·7	..	303·5	304·6	22nd	298·2	297·2	6th,21st	301·6	300·4	+ 0·4	171	..
867	Ponape	6 58 N.	158 13 E.	38·9	1005·5	1009·9	..	303·2	304·7	27th	297·8	295·3	7th	300·7	300·4	..	167	..

OCTOBER - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		S.	W.															
902	Atafu	8 32	172 31	1·8	1010·5	1010·7	..	302·6	304·5	9th	300·3	297·8	17th	301·4	301·1	..	432	..
920	Lambayeque	6 46	80 55	15	1012·2	1013·9	..	301·9	304·0	5th	290·8	289·5	9th	296·3	295·5	..	0	..
921	Quito	0 14	78 30	2816	728·1	..	+ 0·3	292·7	296·9	2nd	280·8	277·4	25th	286·7	285·4	- 0·3	170	..
923	Senna Madureira	9 4	68 40	135	..	..	..	305·7	309·5	27th	293·6	292·0	8th	299·6	298·4	..	93	..
923a	São Gabriel do Rio Negro	0 8	67 5	85·0	999·8	1009·5	..	305·7	308·5	21st	295·9	293·9	13th,24th	300·8	299·3	..	126	..
924	Manaos	3 8	60 1	43·8	..	..	..	305·4	308·6	28th	295·7	293·8	15th	300·6	300·7	+ 0·1	199	..
926	Taperinha	2 30	54 20	21·5	1008·3	1010·8	+ 0·2	306·5	308·2	10th	296·4	295·1	15th,24th	301·4	300·4	+ 0·8	7	..
927	Turyassu	1 43	45 26	9·1	1009·9	1011·0	0·0	305·8	307·2	20th	295·6	294·5	27th	300·7	300·2	+ 0·3	3	..
928	Barra do Corda	5 30	45 16	81·0	1001·5	1010·8	..	307·6	311·0	11th	295·1	292·3	6th,29th	301·4	300·7	+ 1·0	5	..
929	Quixeramobim	5 16	39 15	207	989·6	1013·0	+ 1·2	305·5	307·0	6th	297·4	296·4	18th,29th	301·4	301·0	- 0·2	3	..
930	Fernando Noronha	3 50	32 25	106	1001·1	1013·1	0·0	301·3	302·0	29th	296·8	295·3	12th	299·0	298·1	+ 0·4	2	..
934	Ascension Island	7 56	W. 14 25	16·8	1014·5	1016·4	+ 1·0	299·8	301·3	18th	..	..	..	..	297·3	+ 0·6	5	..
939	Loanda	8 49	E. 13 13	59·3	..	1013·0	+ 0·4	298·4	300·3	30th	294·4	292·5	3rd	296·4	296·0	- 0·3	2	..
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	293·1	296·4	..	283·1	281·9	..	288·1	288·8	..	320	..
943	Masaka	0 20	31 44	1280	..	..	..	300·1	301·9	4,14,22	289·6	288·0	26th	294·8	294·1	..	83	..
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	822·6	1015·5	..	295·8	299·1	14th	285·4	281·5	21st	290·6	289·8	..	91	..
944a	Zanzibar	6 10	39 12	17·1	1014·4	1016·3	+ 0·3	302·2	303·8	24th	297·3	296·1	2nd	299·7	298·9	+ 0·4	87	..
945	Lamu	2 16	40 50	3·0	..	..	..	301·9	303·0	15th	296·6	294·1	23rd,27th	299·3	298·9	- 0·4	72	..
947	Seychelles, Port Office	4 37	55 27	4·6	1012·4	1012·9	+ 0·6	301·7	303·1	24th	296·3	295·1	3rd,21st	299·0	298·2	- 0·2	84	..
957	Padang	0 56	100 22	6·7	..	1011·2	+ 0·2	302·5	304·1	19th	296·0	294·3	30th	299·3	298·4	- 0·6	1049	..
958	Batevia	6 11	106 50	8·0	1009·8	1010·7	+ 0·5	304·8	306·8	15th	296·9	295·8	17th	300·8	300·3	+ 0·7	108	..
958a	Pontianak	0 11	109 20	2·6	..	1010·5	+ 0·2	304·5	306·1	26th	297·3	296·3	19th	300·9	299·8	+ 0·2	611	..
959	Pasuruan	7 38	112 55	5·0	..	1010·6	+ 0·2	305·4	306·6	18th	296·1	293·7	15th	300·7	300·8	+ 0·3	0	..
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	15	..
962	Amboina	3 42	128 10	4·2	..	1010·9	+ 0·8	303·8	305·6	25th	296·9	295·0	10th	300·3	300·0	+ 1·1	110	..
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	67	..
965	Daru	9 4	143 13	7·6	..	1012·6	+ 1·3	302·7	..	..	297·3	..	..	..	..	..	17	..
966	Port Moresby	9 29	147 9	38·4	..	1012·3	+ 0·9	302·7	..	..	296·4	..	..	300·0	299·6	+ 0·3	3	..
967	Rabaul	4 9	152 12	12·5	1008·7	1010·1	+ 1·0	307·7	310·9	24th	..	..	..	299·5	299·1	- 0·1	..	..
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	302·8	305·2	16th	295·8	294·1	9,10,15	301·8	301·0	+ 0·9	22	..
970	Ocean Island	0 52	169 35	42·6	1006·0	1010·9	+ 0·4	304·8	306·9	23rd	297·8	295·8	11th	300·3	300·1	- 0·1	98	..
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.	9th	301·8	301·0	+ 0·5	188	..

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
§ Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

OCTOBER - ZONE 10.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	S. 13 48	W. 171 46	2·0	..	1011·2	0·0	302·2	303·8	20th	297·2	295·2	21st	299·7	299·6	+ 0·3	98	-64
1003	¢Alofi, Niue Island	19 2	169 55	19·8	..	1015·0	+ 0·6	301·1	304·1	23rd	292·4	288·6	14th	296·8	296·6	- 0·6	239	+123
1021	Lima	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1022	Arica	12 5	77 3	111	1001·4	1014·4	..	296·7	299·2	20th	289·5	287·6	31st	293·1	291·9	..	4	..
1024	La Paz, Bolivia	18 28	70 20	5	1013·8	1014·4	..	293·9	295·6	2nd	289·1	287·0	2nd,5th	291·5	291·5	+ 1·6	0	0
1025		16 30	68 8	3658	657·4	..	- 0·3	292·2	295·0	11th	277·6	274·2	9th	284·9	283·8	+ 0·3	39	- 6
1026	Corumba	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1027	Cuyaba	18 59	57 39	116	995·4	1008·3	- 1·0	305·2	311·0	14th	294·4	286·8	9th	299·8	299·4	+ 0·7	163	+61
1028	Bello Horizonte	15 36	56 6	165	990·6	1009·1	- 0·2	306·5	311·5	13th	295·4	291·2	10th	301·0	299·9	+ 0·4	273	+159
1029	Castite	19 56	43 56	895	913·5	1011·5	- 0·6	299·2	303·0	25th	290·6	286·8	1st	294·9	294·4	+ 0·2	137	+ 8
1030	Qualina (Bahia)	14 3	42 37	897	914·7	1012·2	- 0·3	303·0	308·1	16th	291·3	288·4	1st	297·2	297·1	+ 1·2	70	-21
	Aracaju	13 0	38 31	46·6	1008·3	1013·6	- 0·3	301·1	301·9	16th	295·2	293·5	1st	298·2	297·9	+ 0·3	69	-50
1039	¢St. Helena	10 55	37 3	6·1	1013·8	1014·6	- 0·3	301·1	302·5	28th	295·6	293·3	2nd,3rd	298·4	298·1	..	19	..
1039		15 57	W. 5 40	579	948·0	1015·4	+ 0·1	289·8	295·2	23rd	285·5	284·1	10th	287·7	287·3	+ 0·1	37	+ 4
1041	Mossamedes	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1042	Livingstone	15 12	E. 12 9	12·5	1013·2	1014·7	..	..	301·4	25th	..	285·5	3rd	..	..	..	0	..
1042a	Elisabethville	17 51	25 51	972	905·7	1009·2	..	309·9	315·6	31st	292·6	289·1	23rd	301·3	..	+ 0·5	0	-12
1042	Gwelo	19 26	29 45	1411	..	..	..	302·6	308·6	31st	285·9	281·3	15,20,22	294·2	..	- 0·1	0	-19
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	854·6	1012·2	+ 0·8	301·9	305·7	31st	286·7	282·2	22nd	294·3	293·9	- 0·3	1	-28
1044	Zomba	15 23	35 18	955	907·9	1010·7	+ 0·3	302·4	307·4	13th	289·3	285·2	4,19,20	295·8	295·1	- 0·6	0	-39
1045	Mossuril	14 57	40 40	15	..	1015·6	..	303·2	..	..	293·1	..	..	298·1	298·1	..	14	..
1045a	Antananarivo	18 55	47 33	1375	866·3	1014·9	0·0	299·4	303·6	25th	285·5	281·9	1st	292·5	290·8	- 0·7	104	+40
1056		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1057	Cocos, Keeling Is.	12 5	96 53	4·6	1012·4	1013·1	- 0·7	303·1	304·2	29th	297·3	295·9	7th,22nd	300·2	299·8	+ 0·6	14	-79
1061	Christmas Island	10 25	105 43	5·5	1010·4	1011·0	+ 1·0	303·7	305·2	31st	296·8	294·1	5th	300·3	299·9	+ 0·1	5	-70
1061a	Kupang	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1062	Derby	10 10	123 34	45	1006·0	1011·1	0·0	306·5	309·6	30th	296·2	293·4	8th	301·3	300·8	+ 0·6	38	+20
1063	Hall's Creek	17 18	123 40	16·2	1010·8	1012·6	+ 1·1	307·8	313·6	18th	295·9	289·7	3rd	301·9	..	- 0·3	0	- 2
1064	Darwin	18 13	127 46	373	970·8	1011·7	+ 0·7	308·3	312·0	16th	293·6	288·4	4th	301·0	300·4	- 0·6	15	- 1
1065	Daly Waters	12 28	130 51	29·6	1008·3	1011·7	+ 1·4	306·6	309·8	30th	298·2	295·8	31st	302·4	301·3	- 0·2	38	-13
1066	Palmerville	16 16	133 23	211	987·5	1011·0	+ 1·1	310·0	311·9	16,19,24	295·2	290·8	16th,17th	302·6	302·0	- 0·4	43	+21
1066a	Georgetown, Queensland	15 56	144 8	210	989·0	1012·4	+ 1·5	305·9	308·3	24th	292·8	289·6	16th,21st	299·3	..	- 0·9	84	+61
	Willis Island	16 18	149 59	8·5	1013·6	1014·6	+ 1·6	300·7	301·8	12th	296·3	293·3	5th	298·5	298·4	- 0·3	72	+59
1067		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1072	Samarai	10 37	150 40	6·1	..	..	..	..	..	..	..	..	..	..	‡300·6	+ 0·9	175	-47
	Suva, Fiji	18 8	178 26	6·1	1014·6	1015·3	+ 2·1	299·8	303·0	16th,18th	293·7	289·7	14th	296·8	296·6	- 0·5	21	-190
		S.	E.															

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.

BETWEEN LATITUDE 20° S. AND 30° S.

OCTOBER - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1105	Rarotonga (Avarua)	S. 21 12	W. 159 46	6·1	..	..	..	299·0	300·8	5 days	292·5	289·1	1st	295·7	295·5	0·0	193	+63
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1012·0	1014·8	- 2·2	291·9	294·5	24th	285·6	283·4	20th	288·7	288·4	+ 1·6	0	- 1
1122	¢Antofagasta	23 42	70 24	94	1004·4	1015·6	- 1·7	293·0	295·0	5th	287·3	284·5	29th	290·1	289·9	+ 1·0	0	- 2
1123	Catamarca	28 29	65 47	28	952·8	1012·5	+ 1·9	299·8	307·2	24th	288·4	283·0	10th	294·1	293·5	- 1·3	3	-24
1124	Salta	24 46	65 24	1182	882·6	1011·8	+ 1·2	298·2	308·7	25th	283·2	277·2	12th	290·7	290·7	- 1·5	26	- 5
1125	Goya	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1126	Asuncion	29 9	59 15	37	1010·0	1014·3	+ 1·0	299·1	308·2	25th	286·5	280·0	7th	292·8	292·2	- 0·6	83	-30
1127	Curityba	25 17	57 41	93	1002·0	1012·7	+ 0·5	302·2	309·5	25th	291·5	283·5	8th	296·8	295·6	- 0·1	65	-84
1128	Rio de Janeiro	22 55	49 17	908	913·1	1014·8	- 0·6	293·7	301·8	25th	285·4	280·7	31st	289·6	288·6	- 0·3	193	+50
1139		22 54	W. 43 10	18·3	1011·4	1013·5	- 1·0	298·0	306·2	28th	292·6	289·4	17th	295·3	295·5	+ 1·0	55	-28
1140	Windhoek	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1141	O'Okiep	22 34	E. 17 6	1727	831·3	1011·2	..	301·2	304·9	27th	287·6	282·2	1st	294·4	293·9	+ 0·1	3	- 8
1141a	¢Kimberley	29 36	17 52	933	911·9	1016·6	+ 0·2	297·9	309·1	25th	280·2	275·2	15th	289·1	288·8	- 1·1	2	- 9
1142	Johannesburg	28 44	24 46	1218	881·6	1013·3	+ 1·3	300·8	308·4	25th	286·3	277·9	14th	293·6	293·4	+ 0·9	16	- 9
1143	Bulawayo	26 11	28 4	1806	825·2	1015·4	+ 1·0	296·9	302·9	29th	284·5	276·4	14th	290·7	290·4	+ 0·6	14	-51
1144		20 9	28 35	1349	869·7	1013·7	+ 0·4	303·3	309·1	29th,31st	287·2	282·4	17th	295·2	294·9	- 0·2	0	-21
1147	Durban	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Lourenço Marques	29 52	31 3	15·2	1016·8	1018·6	0·0	296·9	302·8	26th	290·4	286·1	1st,15th	293·7	293·1	+ 0·5	74	-57
	Mauritius	25 58	32 36	59;5	..	1018·1	+ 1·1	300·0	308·2	31st	290·5	286·8	20th	295·2	294·5	- 0·6	5	-54
		20 6	57 33	55·2	1011·6	1018·0	- 0·2	299·4	301·2	20th	290·8	287·7	28th	295·1	294·8	- 0·4	76	+41
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

OCTOBER - ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	E.															
1159	◊Onslow	21 43	114 57	4·3	1011·2	1011·7	- 0·8	303·6	310·8	26th	289·4	286·2	18th	296·5	..	- 0·4	0	..
1160	◊Cue	27 27	117 52	454	962·6	1013·8	0·0	300·4	307·5	30th	285·9	281·8	1st	293·2	..	- 0·2	18	..
1161	Nullagine	21 53	120 5	386	..	..	..	307·1	311·9	31st	289·4	284·7	10th	298·2	..	- 0·5	1	..
1162	Laverton	28 40	122 23	466	961·3	1013·8	- 0·5	300·6	310·9	31st	286·7	279·6	2nd	293·7	293·6	+ 0·4	23	..
1163	Alice Springs	23 38	133 37	587	947·7	1012·8	+ 0·3	301·5	310·8	19th	289·1	282·4	1st	295·3	295·3	- 0·8	69	..
1164	William Creek	28 55	136 21	76·2	1006·6	1015·2	+ 0·7	301·9	312·0	19th	289·1	284·1	30th	295·5	295·2	+ 1·2	39	..
1164a	Boulia	22 55	139 38	146	996·1	1012·6	+ 1·0	305·1	310·8	18th	291·6	286·5	5th	298·3	298·3	- 0·5	56	..
1165	Thargomindah	27 58	143 43	123	1000·6	1014·7	+ 0·9	302·2	310·1	21st	290·9	284·7	14th	296·6	296·3	+ 0·9	54	..
1166	Mitchell	26 32	147 52	336	978·4	1016·8	+ 2·6	300·7	308·0	24th	288·1	282·4	15th	294·4	..	+ 0·8	101	..
1167	Rockhampton	23 24	150 30	11·3	1016·1	1017·5	+ 2·0	301·6	307·0	13th	290·4	286·9	15th	296·0	295·3	- 0·8	27	..
1168	Brisbane	27 28	153 2	41·8	1014·9	1019·4	+ 3·4	298·9	304·4	24th	289·4	286·6	3,15,27	294·1	293·6	0·0	50	..
1170	Norfolk Island	29 4	167 59	14·9	1020·5	1022·3	+ 4·4	293·3	296·6	25th	287·9	284·9	13th,21st	290·6	290·2	- 0·5	27	..

OCTOBER - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 52	6	1018·8	1019·5	- 1·8	289·4	291·9	30th	284·1	281·0	2nd	286·7	286·6	+ 0·2	69	..
1221a	Punta Tumbes	36 37	73 6	120	1001·5	1016·0	- 1·6	288·4	291·2	10th	282·1	279·0	1st,6th	285·3	285·0	+ 0·6	167	..
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1012·4	1017·4	+ 0·1	292·7	298·0	10th	283·1	280·0	20th	287·9	287·6	+ 0·7	43	..
1222a	Santiago	33 27	70 42	520	956·0	1016·5	+ 0·2	293·3	301·5	30th	281·6	275·0	20th	287·5	285·9	+ 0·2	102	..
1223	Cordoba	31 25	64 12	423	965·6	1014·8	+ 1·0	295·5	305·1	31st	282·4	278·2	6th	288·9	288·6	- 1·8	115	..
1224	Bahia Blanca	38 45	62 16	28·7	1012·4	1015·8	0·0	294·9	303·6	22nd	282·0	273·4	10th	288·4	288·0	+ 0·1	24	..
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1014·3	1017·3	+ 0·9	293·0	302·7	30th	283·0	274·2	6th	288·0	287·8	- 0·7	33	..
1226	◊Montevideo (Prado)	34 52	56 12	24·9	1014·5	1017·8	+ 1·2	291·8	302·2	30th	281·4	274·3	11th	286·6	285·5	- 1·5	40	..
1226a	Porto Alegre	30 2	W. 51 13	23·5	1012·7	1015·5	- 0·8	294·9	307·6	25th	286·2	277·7	7th	290·5	290·5	- 0·7	82	..
1239	Cape Town	33 56	E. 18 29	12·2	1016·8	1018·3	+ 1·3	295·1	303·4	25th	285·6	279·9	29th	290·3	289·3	+ 1·1	14	..
1240	Danger Point	34 37	19 18	27·7	..	..	..	291·6	295·8	29th	285·2	280·8	15th	288·4	..	0·0	27	..
1241	Riversdale	34 6	21 16	61·0	..	..	..	297·3	310·3	3rd	283·3	277·4	1st	290·3	..	+ 0·4	39	..
1242	East London	33 1	27 54	45·4	1012·7	1018·1	+ 1·0	293·9	301·9	26th	287·3	281·3	1st	290·6	..	0·0	86	..
1259	Perth (Observatory)	31 57	115 51	60·0	1009·8	1016·9	0·0	294·4	300·6	24th	284·3	280·9	1st	289·3	289·1	+ 0·2	50	..
1260	◊Katanning	33 42	117 35	310	979·6	1015·8	+ 0·1	294·6	302·6	16th	280·8	276·1	19th	287·7	..	+ 0·8	14	..
1261	◊Coolgardie	30 57	121 10	423	967·1	1015·3	+ 0·7	298·1	309·3	31st	283·1	277·1	2nd	290·6	290·5	- 0·1	9	..
1262	Eucla	31 45	128 58	4·6	1014·7	1015·3	+ 0·1	294·5	313·6	17th	285·1	277·4	7th	289·8	289·3	- 0·1	44	..
1263	Streaky Bay	32 48	134 13	13·1	1015·0	1016·4	+ 0·7	297·2	306·3	18th,31st	285·6	278·7	8th	291·4	290·8	+ 1·3	51	..
1264	Adelaide	34 56	138 35	42·7	1012·0	1017·1	+ 1·3	297·2	307·9	18th	285·9	278·4	14th	291·6	291·3	+ 1·9	71	..
1265	Melbourne	37 49	144 58	35·1	1013·2	1017·4	+ 2·6	294·3	302·5	3rd	283·6	279·3	10th	288·9	288·7	+ 1·6	54	..
1266	Bourke	30 13	145 58	110	1005·9	1018·6	+ 2·2	301·9	310·8	20th	288·5	282·4	1st	295·2	..	+ 0·7	33	..
1267	Sydney	33 51	151 13	42·1	1012·9	1017·9	+ 3·2	294·6	302·8	29th	287·4	283·6	25th,26th	291·0	290·8	+ 0·5	53	..
1268	Lord Howe Island	31 20	159 0	4·9	1020·0	1020·5	+ 4·1	294·0	296·9	13th	287·6	281·4	1st	290·8	..	- 0·4	86	..
1271	Auckland	36 51	174 48	13·4	..	1014·3	- 1·0	289·2	291·1	30th	282·7	277·2	3rd	285·9	..	- 1·1	155	..
1272	Napier	39 29	176 55	1·5	..	..	..	290·4	297·4	30th	280·7	275·1	3rd	285·6	..	- 1·8	35	..

OCTOBER - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 52	176 42	45·7	..	1003·6	- 6·5	..	..	..	..	..	..	..	..	..	63	..
1321	Isla Guafo	43 34	74 45	140	999·0	1016·0	- 2·1	284·1	290·0	11th	280·3	277·9	19th	282·2	282·1	+ 0·4	86	..
1322	◊Punta Galera	40 1	73 44	40	1011·6	1016·5	- 1·9	287·7	293·2	21st	280·4	276·0	6th	284·1	284·1	+ 0·6	150	..
1323	Sarmiento	45 33	69 1	272	980·8	1013·4	+ 0·2	289·8	295·9	31st	277·3	269·5	7th	283·6	283·0	- 1·5	16	..
1324	Puerto Madryn	42 46	W. 65 2	14	1013·6	1015·3	+ 0·8	290·7	300·3	23rd	277·0	267·1	8th	283·8	285·0	- 1·0	22	..
1365	Launceston	41 27	E.147 10	81·1	1006·4	1016·0	+ 5·5	292·6	299·9	4th	280·8	274·7	22nd	286·7	285·9	+ 1·8	61	..
1366	Hobart	42 53	147 20	53·9	1007·9	1014·4	+ 4·3	291·4	301·3	4th	282·2	277·5	24th	286·8	285·0	+ 1·5	42	..
1369	Invercargill	46 25	168 21	3·7	..	..	..	286·6	293·6	5th,14th	277·6	271·3	15th	282·1	..	- 1·5	115	..
1370	Alexandra	45 15	169 24	159	..	..	..	288·7	297·0	5th	277·0	271·3	1st	282·8	282·7	..	29	..
1371	Dunedin	45 52	170 31	6·1	..	1008·0	- 1·9	286·3	295·8	6th	278·0	274·1	16,22,26	282·2	..	- 1·4	125	..
1371a	Christchurch	43 32	172 39	7·6	..	1008·2	- 1·7	288·0	295·7	30th	277·7	273·3	16th	282·9	..	- 1·9	28	..
1372	Wellington	41 16	174 46	128	..	1009·8	- 2·6	286·7	291·5	10th	279·8	276·5	12th	283·2	282·8	- 2·2	34	..

OCTOBER - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	◊Islota de los Evangelistas	52 24	75 6	55	1002·8	1009·6	+ 3·1	280·3	283·6	13th	275·9	274·0	4th	278·1	278·2	- 0·3	130	..
1422	Magallanes (Punta Arenas)	53 10	70 54	28	1003·8	1007·2	+ 2·0	282·8	287·0	25th	275·5	271·5	3rd	279·1	279·0	- 0·7	9	..
1423	Punta Dungeness	52 24	68 26	5	1005·5	1006·1	+ 1·0	282·5	289·2	22nd	275·3	273·2	6th,25th	278·9	279·1	- 1·0	3	..
1424	Santa Cruz	50 1	68 31	13	1008·5	1010·1	+ 1·6	286·0	291·8	22nd	275·4	271·2	24th	280·7	280·9	- 1·4	1	..
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1003·5	- 2·5	281·7	288·6	23rd	273·1	267·4	5th	277·4	..	- 0·8	52	..
1426	Cape Pembroke	51 41	57 42	21·3	1000·3	1002·9	- 2·5	279·6	283·6	20th	273·8	270·2	4th	276·7	277·1	- 1·1	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	993·9	994·4	- 6·1	275·7	283·2	25th	269·6	262·7	12th	272·7	272·5	- 2·0	97	..

OCTOBER - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	S. 60 43	W. 44 47	7	991·4	992·3	- 1·0	267·9	277·4	29th	259·6	251·4	5th	263·8	263·5	- 5·5	19	..
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

◊Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, NOVEMBER 1930

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF NOVEMBER, 1930
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. NOVEMBER - ZONE 1.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
101	Wrangell Island	70 58	178 33	6·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1018·9	+ 3·0	255·2	260·8	26th	249·2	239·1	30th	252·2	..	- 3·3	3	- 7
125	Upernivik	72 47	56 7	19·2	1001·8	1004·2	- 4·4	269·9	280·2	27th	264·8	258·7	12th	267·3	267·4	+ 4·5	19	- 8
131	Myggbukta	73 30	21 30	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	1003·1	1005·3	..	263·6	270·0	30th	255·1	247·5	21st	259·3	259·9	..	30	..
135	Jan Mayen	70 59	W. 8 18	23·1	995·2	998·1	- 6·1	..	277·6	26th	268·0	262·6	16th	..	270·0	- 1·3	46	+ 5
139	Svalbard Radio (Spitsbergen)	78 13	E. 15 38	53·0	992·0	998·7	- 8·6	..	276·4	26th	264·4	254·0	21st	..	266·6	..	29	..
140	Björnöen	74 28	19 17	29·2	992·0	995·7	- 9·4	..	275·8	25th	268·7	264·0	23rd	..	270·7	+ 1·4	12	-17
141	Ingöy	71 4	24 6	4·3	994·4	994·9	- 8·8	..	278·4	4th	272·2	268·3	20th	..	273·9	+ 0·1	63	+ 7
142	Sletnes	71 5	28 14	10·2	995·0	996·3	- 7·6	..	279·6	4th	270·4	265·1	21st	..	272·9	..	61	..
143	Vardö	70 22	31 5	12·1	‡995·4	996·9	- 8·6	..	279·9	5th	270·9	265·0	22nd	..	272·9	+ 2·0	65	+ 3
147	Malye Karmakouly	72 23	52 43	15·3	1000·3	1002·2	- 2·2	..	..	..	..	..	..	..	270·9	+ 8·1	..	..
148	Malgatz	70 24	58 47	11·2	1004·8	1006·2	- 0·5	..	..	..	..	..	..	..	269·7	+ 5·6	..	..
153	Dickson	73 31	80 23	13·0	1007·2	1008·9	+ 0·9	..	..	..	..	..	..	..	263·0	+ 8·3	16	+ 6
162	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. NOVEMBER - ZONE 2.

201	Frecbrajenye	N. 64 52	W. 175 18	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Gavoonga	63 43	170 20	5·5	..	..	..	265·2	270·8	3rd	260·2	253·0	23rd	262·7	..	..	5	..
203	◊Nome	64 30	165 24	6·7	1009·9	1010·5	+ 4·1	262·3	269·1	13th	254·8	246·9	16th	258·6	‡259·8	- 5·2	3	-20
205	Tanana	64 45	161 47	11·6	..	1006·1	..	262·8	274·7	13th,14th	256·2	249·1	25th	259·5	..	- 5·3	14	- 6
206	Rampart	65 10	152 6	69·5	1002·6	1011·5	+ 0·9	256·7	268·0	6,8,9	247·8	236·9	25th	252·3	‡252·6	- 2·6	20	+ 2
207	Valdez	65 30	150 15	114	..	..	..	255·2	266·9	8th	246·6	234·1	25th	250·9	..	- 3·7	11	- 3
208	◊Eagle	61 7	146 16	122	..	..	..	273·5	277·4	2nd,8th	267·9	256·3	18th	270·7	..	..	335	..
209	Dawson	64 46	141 12	248	977·4	1009·5	- 2·1	261·2	276·9	21st	250·3	226·3	29th,30th	255·8	‡256·5	- 1·1	35	+22
210	Aklavik	64 4	139 29	324	971·2	1014·3	..	259·3	275·8	20th	249·7	229·7	30th	254·5	254·2	- 1·4	37	+ 8
211	Fort Good Hope	68 14	134 50	7·6	1013·9	1015·0	..	254·7	263·0	8th	247·2	234·1	30th	250·9	252·0	..	12	..
212	Fort Simpson	66 15	128 38	65·2	1010·2	1019·2	..	254·0	271·9	8th	246·3	230·8	30th	250·2	..	- 1·4	9	-17
213	Hay River	61 52	121 35	129	997·9	1015·1	..	262·3	280·8	21st	254·7	233·6	30th	258·5	258·7	+ 1·2	41	+22
225	Jacobshavn	60 51	115 57	161	993·2	1014·3	..	266·2	281·3	21st	256·7	241·3	30th	261·4	260·8	+ 1·3	30	+10
226	Godthaab	69 13	51 2	31·6	998·6	1002·7	- 4·1	267·0	278·0	26th	261·4	253·1	8th	264·2	264·6	+ 0·5	16	- 1
227	Ivigtut	64 10	51 43	20	..	..	..	271·3	277·6	26th	266·9	262·0	12th	269·1	269·1	+ 0·8	6	-42
229	Angmagsalik	61 12	48 10	30·0	999·4	1003·2	+ 0·2	273·0	281·6	26th	265·7	256·4	14th	269·3	270·3	+ 0·4	160	+48
231	Stykkisholm	65 36	37 33	29·3	998·7	1002·5	- 1·0	269·6	277·0	17th	264·3	260·8	8th	266·9	267·1	- 0·9	11	-75
232	Westmanno	65 5	22 46	25	..	999·8	- 4·5	274·2	280·5	23rd	268·9	262·3	2nd	271·5	271·4	- 2·1	61	- 3
233	Grimsey	63 24	20 17	132	..	1000·2	- 1·6	276·2	281·0	12th	271·5	265·5	16th	273·9	274·2	- 1·0	113	-22
234	Teigarhorn	66 33	18 1	22	..	999·4	- 5·6	273·0	278·8	24th	..	..	..	..	271·3	- 1·7	7	-20
235	Hjyig	64 41	14 22	18	..	999·2	- 5·0	274·8	283·6	12th	269·1	263·8	17th	271·9	272·6	+ 2·3	79	-31
236	Lerwick	62 3	6 45	22·9	998·0	1000·8	- 5·0	279·6	284·5	12th	273·7	268·6	16th,17th	276·7	276·6	- 0·8	188	+22
237	Bergen (Fredriksberg)	60 8	W. 1 11	18·0	..	1001·3	- 5·6	279·4	284·1	13th	276·2	270·8	17th	277·8	278·1	- 1·1	122	+14
238	Aalesund	60 24	E. 5 19	44·4	995·7	1001·2	- 8·3	279·0	283·4	13th	274·5	268·1	19th	276·7	276·7	- 0·4	300	+122
239	Trondheim	62 28	6 10	6·3	998·7	999·5	- 8·3	..	281·2	12th	274·7	271·3	17th	..	277·1	- 0·6	138	+ 4
240	Bodö	63 26	10 25	59·2	990·9	998·3	-10·7	274·5	279·0	13th	270·6	265·8	30th	272·5	272·9	- 0·7	165	+87
241	Haparanda	67 17	14 26	17·0	993·3	995·4	-10·4	..	278·8	8th	272·2	266·5	18th	..	274·1	+ 0·2	89	-15
242	Helsingfors	65 50	24 9	9·2	997·2	998·4	-11·0	271·7	280·3	4th	266·5	255·5	19th	269·1	269·5	+ 1·3	71	+22
242a	Kuopio	60 10	24 57	11·7	999·5	1001·0	-11·5	276·6	283·1	4th	272·4	265·2	19th	274·5	274·7	+ 1·6	126	+63
243	Kola	62 55	27 40	233	971·2	1000·1	-11·3	272·3	281·0	4th	269·1	263·0	21st	270·7	270·7	+ 0·3	116	+68
244	Petrozavodsk	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Archangelsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
246	Mezen	64 34	40 31	6·3	1003·9	1004·7	- 6·5	..	..	..	..	..	..	..	270·1	+ 2·8	24	- 7
247	Ust-Tsylma	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
248	Toberdyn	65 25	52 18	? 68	1000·6	1009·3	- 1·7	..	..	..	..	..	..	..	267·1	+ 3·3	22	- 4
249	Berezov	60 24	56 31	?208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	63 56	65 4	46	1012·4	1018·5	+ 5·3	..	..	..	..	..	..	..	263·3	+ 4·7	15	- 6
251	New Port	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	61 15	73 24	48	1016·0	1022·3	+ 6·9	..	..	..	..	..	..	..	264·8	+ 5·6	24	0
254	Tourouhansk	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Villouisk	65 47	87 57	45·0	1017·1	1023·1	+ 6·4	..	..	..	..	..	..	..	260·0	+ 7·9	34	+14
262	Iakoutsk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk	62 1	129 43	108	1011·5	1026·6	+ 5·7	..	..	..	..	..	..	..	247·3	+ 1·8	6	- 5
264	Petropavlovskoe	67 33	133 24	100	1005·0	1019·4	+ 2·9	..	..	..	..	..	..	..	239·7	+ 3·1	5	- 2
268	Maiakhan	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Marlinskii Post	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		64 45	177 33	17·2	1016·7	1019·0	+ 8·4	..	..	..	..	..	..	..	258·6	- 0·7	5	- 2
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

◊Change of normals, see Table of Authorities, pages 105-15.

NOVEMBER - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	¢St.Paul Island	57 15	170 10	28·0	..	1005·7	+ 4·5	273·8	279·1	12th,13th	270·4	266·9	26th	272·1	..	- 1·3	60	-104
303	¢Dutch Harbor (Radio)	53 55	166 30	4·0	1003·3	1003·7	+ 3·1	277·6	285·2	2nd	272·3	268·6	19th	274·9	‡275·0	0·0	126	..
304	Chernofski Harbor	54 27	166 42	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	Dillingham	59 0	158 28	24·4	..	..	..	271·2	283·0	14th	261·0	252·4	11th,20th	266·1	..	- 4·1	59	..
306	¢Kodiak (Radio)	57 47	152 22	4·6	995·9	996·6	- 3·4	277·7	280·8	5th	271·6	265·2	12th	274·7	‡274·9	- 0·4	209	..
309	Sitka	57 3	135 19	19·8	..	..	..	281·7	287·4	5th	274·9	269·1	13th	278·3	..	+ 1·6	382	+136
310	Prince Rupert	54 18	130 18	51·8	1007·8	1014·2	+ 5·3	280·9	285·2	1,4,7	276·4	270·8	13th	278·7	279·2	+ 0·8	183	+ 1
311	Prince George	53 50	122 48	570	947·6	1017·1	..	277·9	289·7	8th	269·4	251·3	14th	273·7	273·6	+ 2·1	42	..
312	Kamloops	50 41	120 29	385	976·6	1024·2	+ 1·5	277·7	289·7	10th	273·4	266·3	18th	275·6	275·7	+ 0·9	21	..
313	Calgary	51 2	114 2	1058	893·0	1018·4	+ 2·1	278·6	294·7	3rd	266·2	248·6	15th	272·4	272·1	+ 1·8	32	..
314	Fort Smith	60 0	111 52	183	987·7	1011·6	..	265·9	280·2	21st	257·0	239·7	30th	261·5	261·5	+ 0·8	56	..
315	¢Prince Albert	53 10	105 38	437	962·9	1017·8	+ 0·2	273·0	284·7	10th	263·8	249·7	30th	268·4	268·1	+ 2·2	6	..
316	Qu'Appelle	50 30	103 47	654	938·2	1019·0	+ 0·6	274·1	290·2	3rd	263·3	246·9	27th	268·7	267·9	+ 1·1	16	..
317	¢Minnedosa	50 15	99 50	515	953·1	1017·5	- 0·1	274·4	288·6	3rd	262·7	246·3	28th	268·5	267·6	+ 1·1	7	..
318	¢Berens River	52 18	97 23	216	..	..	..	270·9	278·6	12th	264·1	246·9	26th	267·5	..	+ 1·1	60	..
319	Pagwa	50 3	85 18	189	..	..	..	277·3	286·9	18th	264·7	249·7	26th	271·0	..	+ 3·6	14	..
320	Moose Factory	51 14	80 30	9·1	1010·7	1011·9	..	273·7	285·8	17th	266·2	248·6	29th,30th	269·9	270·1	+ 2·2	..	..
321	Fort George	53 50	79 5	975	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	..	..
323	Natashquan	50 8	61 48	6·1	..	..	..	273·3	279·7	22nd	267·7	252·4	29th	270·5	..	+ 3·5	87	..
326	Belle Isle	51 53	55 23	130	..	..	..	276·9	281·9	20th	268·6	255·8	28th	272·7	..	+ 2·5	52	..
333a	62°-57°N. 20°-15°W.	††59 1	††17 37	§(36)	..	..	..	..	..	Sea Temp. 282·2	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1008·7	1010·4	- 2·2	283·6	286·0	18th,20th	279·3	271·9	28th	281·5	281·7	+ 0·1	161	..
335	Aberdeen	57 10	W. 2 6	26·0	1001·9	1005·1	- 4·4	280·3	289·0	13th	274·8	266·7	18th	277·5	277·7	- 1·0	89	..
336	Greenwich	51 28	0 0	46·3	..	1011·4	- 3·2	283·6	288·0	20th	276·7	268·0	17th	280·1	280·4	+ 0·8	111	..
337	Uccle	50 48	E. 4 22	100	1000·3	1012·5	- 2·4	284·2	289·9	28th	277·9	270·8	18th	281·0	280·6	+ 2·3	150	..
338	De Bilt	52 6	5 11	3·0	1010·2	1010·6	- 3·9	283·4	286·8	22nd	277·2	270·2	18th	280·3	280·3	+ 2·3	142	..
338a	Hamburg	53 33	9 58	40·3	1003·8	1008·8	- 6·3	281·2	285·2	22nd	276·5	271·5	18th,19th	278·9	279·0	+ 2·3	94	..
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1004·7	1005·3	- 8·0	281·3	284·9	13th	276·5	268·4	19th	278·9	279·2	+ 2·7	70	..
340	Potsdam	52 23	13 4	84·9	1000·3	1010·8	- 4·7	281·4	286·5	2nd	276·0	270·0	19th	278·7	278·6	+ 2·5	56	..
340a	Uppsala	59 51	17 38	24	998·0	1001·0	- 9·4	276·9	283·2	13th	271·6	262·8	18th	274·2	274·2	+ 1·1	53	..
341	Warsaw	52 13	21 3	88·3	999·8	1010·7	- 8·1	282·4	292·0	3rd	274·8	268·2	21st	278·6	277·9	..	104	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	992·9	1002·9	-10·1	277·1	285·6	4th	272·8	264·5	21st	274·9	275·1	+ 2·7	40	..
343	Leningrad	59 56	30 16	4·8	1001·6	1002·2	-10·7	..	..	..	..	..	..	..	..	..	..	..
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	274·3	..	+ 2·3	..	..
344a	Moscow	55 50	37 33	164	..	..	..	..	..	..	..	..	..	..	..	..	45	..
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	272·9	..	+ 2·7	..	..
346	Kazan	55 47	49 8	80·6	1006·7	1016·9	- 2·3	273·0	280·7	1st	268·3	256·0	24th	270·7	270·6	+ 1·9	48	..
347	Orenburg	51 45	55 6	109	1007·8	1021·7	- 2·3	..	..	..	..	..	..	..	271·5	+ 3·1	18	..
348	Perm	58 1	56 16	163	997·8	1018·6	0·0	..	..	..	..	..	..	..	271·5	+ 3·1	60	..
349	Sverdlovsk	56 50	60 38	281	984·7	1020·4	+ 2·8	..	..	..	..	..	..	..	268·9	+ 3·1	..	..
350	Tobolsk	58 12	68 14	108	1009·8	1023·8	+ 5·4	..	..	..	..	..	..	..	268·4	+ 3·2	22	..
351	Akmolinsk	51 12	71 23	347	982·8	1027·0	+ 0·1	..	..	..	..	..	..	..	267·2	+ 3·5	13	..
352	Omsk	55 1	73 19	108	1012·0	1026·0	+ 4·3	..	..	..	..	..	..	..	268·1	+ 2·3	18	..
353	Barnaoul	53 20	83 47	158	1009·1	1029·6	+ 2·4	..	..	..	..	..	..	..	268·0	+ 3·6	12	..
354	Tomsk	56 30	84 58	123	1011·4	1027·3	+ 3·7	..	..	..	..	..	..	..	267·6	+ 3·1	51	..
355	Minousinsk	53 43	91 41	249	999·2	1032·1	+ 4·3	..	..	..	..	..	..	..	266·6	+ 4·3	47	..
356	Eniseisk	58 27	92 10	81·2	1018·2	1028·9	+ 6·9	..	..	..	..	..	..	..	..	..	37	..
357	Irkutsk	52 16	104 19	467	971·2	1031·9	+ 3·9	..	..	..	..	..	..	..	261·5	- 2·8	26	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	264·1	+ 3·6	25	..
359	Tchita	52 2	113 30	685	939·9	1028·4	+ 3·0	..	..	..	..	..	..	..	262·0	- 0·3	..	..
360	Nertchinskii Zavod	51 19	119 37	621	944·4	1025·0	+ 0·3	..	..	..	..	..	..	..	..	..	5	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	258·4	- 0·4	7	..
362	Blagovyeshchensk (Bureau Meteor.)	50 16	127 30	142	999·0	1017·7	- 2·4	..	..	..	..	..	..	..	257·0	- 0·6	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	24	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1006·7	1012·2	- 0·1	..	..	..	..	..	..	..	260·0	- 1·5	..	..
366	Okhotsk	59 21	143 17	5·5	1012·7	1013·4	‡ 2·3	..	..	..	..	..	..	..	..	..	102	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	996·7	1007·7	+ 2·3	..	..	..	..	..	..	..	252·1	- 1·0	15	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	251·2	+ 2·8	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	86	..
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Latitude and longitude of the observations.
§Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

NOVEMBER - ZONE 4.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1010·8	1019·5	+ 3·8	281·7	286·3	8th	277·7	273·0	14th	279·7	279·4	- 0·2	33	-104
412	Portland, Oregon	45 32	122 41	46·6	1015·4	1021·0	+ 2·0	284·3	293·6	1st	277·3	271·3	25th	280·8	280·3	+ 0·1	72	-92
413	Macleod	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
414	Helena	49 44	113 24	953	..	..	..	278·7	291·3	4th	269·9	250·2	15th	274·3	274·2	+ 1·9	29	+15
414a	Salt Lake City	46 34	112 4	1257	876·1	1021·7	+ 1·8	279·6	290·8	2nd	268·7	254·7	15th	274·1	274·1	+ 0·8	12	- 7
415	Cheyenne	40 46	111 54	1329	872·4	1024·0	+ 2·2	278·9	288·6	2nd	270·0	262·4	30th	274·4	275·1	- 3·3	27	- 8
415a	North Platte	41 8	104 48	1856	813·1	1019·3	+ 0·5	281·6	292·4	3rd	268·9	262·4	21st	275·2	275·3	+ 0·7	21	+ 9
416	Bismarck	46 47	100 45	860	917·0	1018·3	- 1·3	282·7	294·1	9th	269·1	262·4	16th	275·9	275·5	+ 0·6	49	+37
417	Winnipeg	49 53	97 7	232	987·0	1016·4	..	273·6	287·4	3rd	265·2	247·4	28th	269·4	269·1	+ 2·3	39	+12
418	Duluth	46 47	92 6	345	973·0	1015·2	- 2·0	277·2	289·7	11th	268·4	249·1	28th	272·8	272·4	+ 1·1	75	+36
419	¢Fort Arthur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
420	Chicago	48 27	89 12	196	990·4	1014·9	- 1·4	275·9	283·6	4th	269·3	250·8	28th	272·6	272·3	+ 2·2	97	+60
421	Toronto	41 47	87 35	205	994·0	1018·9	+ 0·7	282·8	296·9	19th	274·7	255·8	28th	278·8	278·5	+ 0·5	44	-17
422	¢New York (Central Park)	43 40	79 24	116	1005·4	1019·9	+ 2·3	281·1	288·6	9,16,17	274·7	263·0	28th	277·9	277·4	+ 2·1	17	-50
423	¢St. John, N.B.	40 47	73 58	47·4	1015·9	1021·8	+ 3·0	283·8	291·9	9th	277·1	263·6	28th	280·4	280·5	+ 0·6	143	+62
424	S.W.Point, Anticosti	45 17	66 4	36·3	1015·8	1020·3	..	280·6	285·2	9th	272·4	260·8	29th	276·5	276·1	+ 1·2	55	-57
424a	Sable Island (Main Station)	43 57	60 6	7·6	1020·3	1021·2	..	282·4	289·7	5th	277·2	267·4	29th	279·8	280·0	+ 0·3	68	-70
425	Fort aux Basques	47 35	59 10	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	943·2	1021·8	+ 2·9	286·6	291·7	3rd	278·6	275·4	15th	282·6	282·0	+ 1·4	67	+ 5
436	Nantes	47 15	W. 1 34	36·5	1010·2	1014·6	- 0·9	285·7	291·3	21st	280·5	272·8	14th	283·1	283·1	+ 2·5	228	+141
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1009·1	1015·3	- 1·1	284·9	291·2	21st	277·6	271·3	17th	281·3	281·4	+ 2·6	112	+63
438a	Marseille	43 18	5 23	75	..	1017·3	+ 1·9	289·9	293·6	30th	280·7	273·5	24th	285·3	284·9	+ 1·2	39	-33
439	Zürich	47 23	8 33	493	959·6	1018·6	- 0·1	284·4	292·3	29th	276·6	270·3	14th	280·5	280·1	+ 3·6	117	+49
440	Rome	41 54	12 29	45·5	1013·2	1018·5	+ 3·0	290·5	293·8	29th	281·1	274·7	16th	285·8	285·6	+ 1·1	58	-54
440a	Vienna	48 15	16 22	203	991·3	1016·1	- 2·1	283·2	291·1	22nd	277·0	271·9	18th,19th	280·1	279·9	+ 2·9	62	+17
441	Budapest	47 31	19 1	130	1000·8	1016·8	- 2·2	284·8	290·7	21st	277·6	270·3	19th	281·2	280·6	+ 3·0	39	-12
442	Sofia	42 42	23 20	550	955·2	1021·2	+ 0·2	284·3	290·0	4th	274·3	268·9	19th	279·3	278·9	+ 1·4	13	-35
443	Bucharest	44 25	26 6	82	1008·6	1018·7	- 1·5	286·5	292·9	3rd	275·8	268·0	19th	281·1	280·5	+ 3·2	16	-32
444	Odessa (Observatory)	46 26	30 46	42·8	1012·7	1018·0	- 2·7	284·5	290·9	5th	277·4	268·5	19th	280·9	280·9	+ 3·5	26	- 8
444a	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Novorossiisk	44 44	37 49	37·1	1014·8	1019·3	- 0·4	..	..	..	..	..	..	..	..	..	..	..
446	Tiflis	41 43	44 48	404	973·0	1021·1	- 1·5	286·4	292·2	7th	279·0	271·0	21st	282·7	282·5	+ 2·5	29	- 4
447	Astrakhan	46 21	48 2	-20	1023·5	1021·1	- 2·0	..	..	..	..	..	..	..	..	..	..	..
448	Fort Alexandrovsk	44 31	50 7	-23·0	1022·7	1019·9	- 2·3	..	..	..	..	..	..	..	..	..	..	..
449	Kraenovodsk	40 0	52 59	-4·6	1021·4	1020·8	- 0·9	..	..	..	..	..	..	..	277·7	+ 2·5	12	+ 1
450	Kasalinsk	..	..	..	..	..	..	..	..	..	..	..	..	..	277·7	+ 2·5	12	+ 1
451	Tashkent	..	..	..	..	..	..	..	..	..	..	..	..	..	278·4	+ 0·7	23	+ 8
452	Andijan	45 46	62 8	66·7	..	..	..	..	..	..	..	..	..	..	278·4	+ 2·4	19	+10
	Alma Ata	41 20	69 18	479	965·5	1022·3	- 2·5	289·9	298·0	18th	277·7	271·3	22nd	283·8	283·0	+ 3·0	29	- 4
461	Moukden	40 47	72 23	503	964·0	1024·2	..	289·0	294·4	20th	276·2	273·3	22nd	282·6	281·8	..	7	..
462	Joshin	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	277·0	..	24	..
463	Tuki	41 46	123 24	44·3	1017·6	1023·3	- 0·6	273·5	287·6	7th	263·4	250·8	30th	268·5	268·5	- 3·3	24	0
464	Vladivostok	40 40	129 12	31·9	1014·8	1018·8	- 1·2	280·1	289·0	8th	270·8	264·2	13th	275·5	275·0	- 1·7	50	+ 2
465	Ochiai	42 20	130 24	63·8	1010·9	1019·0	- 1·6	275·9	287·0	8th	268·3	261·3	28th	272·1	272·0	- 1·9	77	+53
466	Memiro	43 7	131 54	128	?1004·6	?1021·0	+ 0·3	..	..	..	..	..	..	..	270·3	- 1·9	29	0
466a	Oyama	47 20	142 47	27·4	1008·1	1011·6	- 1·2	274·4	283·3	2nd	267·5	260·0	15th	270·9	271·1	+ 0·2	59	-20
		43 20	145 35	26·7	1010·5	1013·8	- 0·9	281·0	288·7	9th	274·0	265·8	29th	277·5	277·8	+ 0·5	109	+26
		45 14	147 53	39·3	1007·6	1012·5	- 0·1	279·5	287·2	10th	273·2	267·8	2nd	276·3	276·6	+ 0·6	176	+45
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

NOVEMBER - ZONE 5 (AMERICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
508	35°-30°N. 145°-140°W.	††31 57	††142 19	§(26)	..	1020·6	0·0	..	..	Sea Temp. 294·1	+1·7	..	..	..	..	..	..	..
511	San Francisco	37 48	122 26	47·2	1012·8	1018·6	- 0·6	291·5	299·1	11th	283·4	280·2	18th	287·4	286·9	+ 1·3	40	-21
512	Sacramento	38 35	121 30	21·0	1016·0	1018·3	- 0·4	292·3	300·8	1st	278·9	274·7	20th	285·6	286·3	+ 0·6	28	-21
513	San Diego	32 43	117 10	26·5	1013·1	1016·2	- 0·3	295·1	306·3	1st	285·4	278·6	19th	290·2	290·2	+ 2·1	26	+ 3
514	Modena	37 48	113 54	1668	836·4	1022·0	+ 0·7	280·6	293·0	7th	264·4	250·8	15th	272·5	272·3	- 2·9	30	+16
515	Santa Fé	35 41	105 57	2138	788·0	1020·0	+ 0·1	281·4	291·3	3rd	269·4	261·3	23rd	275·4	275·0	- 1·1	28	+ 9
516	Denver	39 45	105 0	1613	838·0	1018·6	+ 0·4	284·4	294·1	3rd	270·9	261·3	22nd	277·7	278·4	+ 0·7	23	+ 8
517	Abilene	32 23	99 40	530	958·3	1020·3	+ 1·0	290·6	299·1	18th	279·5	273·0	21st	285·0	284·3	+ 0·1	34	- 1
518	Saint Louis	38 38	90 12	173	998·8	1019·6	+ 0·3	286·5	296·3	19th	276·8	263·6	28th	281·7	281·1	+ 1·3	45	-28
519	Mobile	30 41	88 2	17·4	1019·0	1021·0	+ 1·2	291·7	299·7	18th	284·1	274·1	27th	287·9	287·9	+ 0·2	192	+98
520	Nashville	36 10	86 47	166	1002·3	1022·7	+ 1·6	287·2	298·6	18th	277·6	265·2	27th	282·4	282·8	0·0	81	- 9
521	Charleston	32 47	79 56	14·6	1020·8	1022·7	+ 2·4	289·8	298·6	16th	282·9	271·9	27th	286·3	286·7	- 1·0	31	-30
522	Washington	38 54	77 3	34·1	1018·6	1022·7	+ 3·2	285·3	294·7	10th	277·0	263·0	29th	281·2	281·0	+ 0·7	20	-43
524	Bermuda	32 17	64 46	38·1	1016·2	1021·6	..	296·1	300·2	4th	290·9	287·4	30th	293·5	293·1	- 0·2	86	-40
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
¢Change of normals, see Table of Authorities, pages 105-15.

NOVEMBER - ZONE 5 (EUROPE, AFRICA, ASIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1017·0	1021·6	+ 0·8	292·8	296·5	4th	288·4	285·7	25th	290·6	290·4	+ 0·7	65	+[illegible]
531	Horta	38 32	28 38	65	1013·7	1021·5	+ 1·2	292·7	295·4	4th	288·2	285·3	29th	290·5	290·1	+ 0·1	90	..
532	Ponta Delgada	37 44	25 40	22	1018·9	1021·5	+ 1·5	292·0	294·5	11th	288·6	285·5	30th	290·3	290·3	+ 0·6	109	[illegible]
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	..	..
533	Madeira (Funchal)	32 38	16 55	25	1018·2	1021·2	+ 2·3	295·8	299·6	13th,14th	289·7	284·1	30th	292·7	292·7	+ 1·7	32	[illegible]
535	Lisbon	38 43	9 9	95	1009·3	1020·7	+ 3·0	290·8	294·1	12th	284·9	279·6	30th	287·9	288·1	+ 1·5	21	[illegible]
535a	ϕMelilla	35 17	2 59	40	1015·8	1020·6	+ 2·4	293·6	297·8	25th	287·7	282·5	30th	290·7	290·4	+ 1·8	134	[illegible]
536	Gibraltar	36 6	5 21	27·4	..	1020·3	+ 2·2	293·9	298·6	21st	286·1	281·9	28,29,30	290·0	289·2	+ 1·4	28	[illegible]
536a	Colomb-Béchar	31 37	W. 2 13	769	934·0	1022·8	+ 5·2	297·5	302·2	9th	280·5	274·5	16th	289·0	287·5	+ 3·0	..	..
537	Palma	39 34	E. 2 39	23	1016·6	1019·3	+ 2·1	294·7	297·6	4th	281·3	275·0	14th	288·0	287·5	+ 0·3	0	[illegible]
538	Algiers (University)	36 46	3 13	59	1013·2	1020·2	+ 3·2	295·1	301·6	22nd	288·1	284·1	14th	291·6	291·0	+ 1·5	5	[illegible]
538a	Gadames	30 8	9 30	351	..	..	..	299·7	309·0	8th	279·6	275·3	17th	289·7	..	+ 0·3	0	[illegible]
539	Tunis	36 48	10 10	66	1012·1	1020·0	+ 4·2	294·3	298·5	22nd	282·4	280·5	14th	289·3	288·9	+ 0·8	20	[illegible]
540	Malta	35 54	14 31	71·2	..	1019·9	+ 4·3	292·9	296·3	7th	287·6	282·4	14th	290·3	289·5	+ 1·3	17	[illegible]
541	Athens	37 58	23 43	107	1006·6	1019·4	+ 2·2	292·5	295·5	24th	284·4	282·0	13th	288·5	288·3	+ 0·7	25	[illegible]
542	Alexandria	31 12	29 53	32·0	1015·8	1019·5	+ 2·2	298·3	301·6	5th	289·9	286·0	1st	294·1	293·5	+ 0·7	9	[illegible]
543	Ankara (Angora)	39 58	32 48	861	920·5	1020·3	0·0	286·5	292·7	4th	275·0	267·5	20th	280·8	280·5	..	33	[illegible]
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1017·5	+ 1·0	295·1	300·8	6th	283·2	277·4	30th	289·2	..	- 0·1	124	[illegible]
544	Beirut	33 54	35 28	33·7	..	1017·6	+ 0·5	295·3	299·1	6th	290·0	286·2	28th	292·6	292·5	+ 0·4	12	[illegible]
545	Hinaidi	33 17	44 29	32·9	1013·4	1017·5	- 0·4	298·4	304·9	1st	284·1	276·1	30th	291·2	292·7	+ 0·8	..	..
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	873·7	1009·4	..	290·8	294·7	4th,5th	278·2	275·8	23rd,30th	284·5	284·2	- 0·1	19	[illegible]
548	Meshed	36 17	59 36	946	..	..	..	291·4	298·9	4th	..	..	..	..	..	..	13	[illegible]
549	Seistan	31 2	61 30	?610	962·7	..	..	295·8	299·8	14th	279·9	274·3	5th	287·9	..	+ 1·3	2	[illegible]
550	Quetta	30 10	67 1	1647	840·0	..	+ 0·2	292·4	294·7	7th,9th	273·5	269·1	2,3,4	282·9	282·6	+ 0·5	4	[illegible]
551	Peshawar	34 1	71 35	355	977·6	1019·8	+ 0·7	298·9	301·9	4 days	281·5	278·6	30th	290·2	289·1	+ 0·7	0	[illegible]
551a	Lahore	31 35	74 20	214	992·8	1018·6	+ 1·4	300·7	303·0	11th	281·9	279·7	27th,28th	291·3	290·2	+ 0·2	0	[illegible]
552	Sialа	31 6	77 10	2202	784·7	..	+ 0·6	286·2	290·8	14th	279·9	277·4	25th	283·1	282·8	- 0·5	5	[illegible]
552a	Leh	34 9	77 34	3503	670·2	..	+ 1·2	..	..	..	267·7	264·1	27,29,30	..	..	..	1	[illegible]
558	Sian	34 31	109 5	365	980·3	1024·7	..	286·9	293·0	18th	275·2	271·0	23rd	281·0	280·0	..	0	[illegible]
559	Hankow	30 35	114 17	39·1	..	1026·3	+ 1·1	290·0	295·6	18th	281·1	274·0	30th	285·5	285·2	+ 0·2	34	[illegible]
560	Tientsin	39 9	117 9	6·4	..	1024·8	- 0·4	280·7	287·5	7th	271·2	266·3	3rd	275·9	276·0	- 1·7	..	..
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1024·0	1024·8	+ 1·1	289·0	295·0	15th	278·3	271·1	25th	283·6	282·9	- 1·2	43	[illegible]
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1014·0	1022·8	- 0·1	280·8	289·1	7th	272·9	265·4	12th	276·8	276·5	- 2·8	91	[illegible]
562a	Nagasaki	32 44	129 52	133	1005·7	1021·8	+ 1·0	287·6	294·2	9th	280·9	276·1	12th	284·3	284·0	- 1·6	109	[illegible]
563	Kyoto	35 1	135 44	42·9	1015·0	1020·3	+ 0·9	288·3	293·0	1st	276·9	272·1	14th	282·6	281·9	- 0·8	122	[illegible]
564	Tokyo	35 41	139 46	5·8	1017·2	1017·9	- 0·4	288·6	294·1	21st	278·5	274·0	19th,30th	283·5	283·3	- 0·7	78	[illegible]
565	Hukusima	37 45	140 28	68·5	1009·9	1018·3	+ 0·1	285·9	294·7	8th	275·2	269·8	19th	280·5	280·3	- 0·7	59	[illegible]
566	Miyako	39 38	141 59	30·4	1013·0	1016·8	- 0·5	286·7	294·8	8th	274·0	268·2	29th	280·3	279·8	- 0·4	79	[illegible]
		N.	E.															

NOVEMBER - ZONE 6 (AMERICA, AFRICA). BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N.	W.															
601	ϕMidway Island	28 13	177 22	5·8	1017·7	1018·3	..	298·3	301·3	7th	289·1	284·7	24th	293·7	293·1	- 0·8	31	[illegible]
605	Honolulu	21 19	157 52	11·6	1013·1	1014·5	- 1·9	299·9	301·9	12th	294·6	290·2	27th	297·2	297·0	+ 0·6	101	[illegible]
613	Guaymas	27 55	110 53	8·3	1014·1	1015·0	..	300·1	305·8	5th	290·9	285·0	20th	295·5	295·5	+ 0·2	26	[illegible]
615	Leon	21 7	101 41	1809	822·3	1014·7	- 0·4	294·3	299·9	20th	282·9	279·3	12th	288·6	287·2	- 1·8	73	[illegible]
616	Monterry	25 40	100 18	528	958·0	1018·9	+ 1·6	293·2	305·0	19th	286·0	279·3	25th	289·6	289·4	- 1·2	33	[illegible]
617	Tulancingo	20 5	98 22	2181	791·3	..	+ 0·1	292·1	301·0	19th	280·6	275·0	25th	286·3	285·5	- 0·2	16	[illegible]
618	Galveston	29 18	94 50	16·5	1019·1	1021·3	+ 1·6	291·8	298·6	17th	286·3	279·1	25th	289·0	289·5	- 1·3	113	[illegible]
618a	New Orleans	29 57	90 4	16·2	1018·8	1020·6	+ 1·4	293·4	302·4	17th	286·4	278·0	1st	289·9	289·7	+ 0·6	215	[illegible]
619	Merida, Yucatan	20 58	89 38	22	1014·4	1017·0	+ 0·7	300·7	305·4	17th,18th	293·4	289·4	29th	297·1	296·0	- 0·4	44	[illegible]
620	Havana	23 7	82 25	77·0	1008·1	1017·0	+ 0·7	299·0	304·0	15th	292·9	287·1	26th	295·9	295·7	..	130	[illegible]
620a	Key West	24 33	81 48	6·7	1017·9	1018·6	+ 1·7	298·1	301·9	18th	293·3	287·4	26th	295·7	295·2	- 0·7	11	[illegible]
621	Nassau, Bahamas	25 5	77 20	9·6	..	1016·4	- 0·3	298·0	299·7	11,14,24	293·5	288·6	28th	295·7	295·6	- 1·7	48	[illegible]
622	San Salvador (Watling Island)	24 6	74 26	33·5	1013·4	1017·3	+ 0·5	..	301·3	24th	..	295·2	5,28,29	..	298·1	- 0·7	..	..
633	Port Etienne	20 56	17 3	4	1016·1	1016·6	..	303·9	310·3	12th	288·7	284·2	29th	296·3	297·1	..	492	[illegible]
634	ϕIzaña	28 19	16 30	2367	769·5	..	+ 1·1	282·8	287·6	19th	277·2	271·3	30th	280·0	279·8	+ 0·7	317	[illegible]
634a	La Laguna	28 28	16 20	547	954·2	1017·7	+ 0·2	293·8	301·8	3rd	282·8	277·6	24th	288·3	287·6	- 0·1	..	..
636	Adrar	27 52	W. 0 17	?285	..	..	..	..	..	..	..	..	..	..	..	..	0	[illegible]
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	866·1	1011·2	..	299·0	302·6	8th	284·4	280·0	27th,30th	291·7	291·7	..	17	[illegible]
639	Sebha	27 1	14 27	424	..	..	..	296·1	305·2	6th	283·1	276·9	16th	289·6	..	..	..	..
640	Hon	29 8	15 56	263	..	..	..	296·7	312·2	6th	279·9	275·0	23rd	288·3	..	..	0	[illegible]
641	Giarabub	29 45	24 31	49	..	..	..	..	..	..	284·2	281·5	25th	..	..	..	..	..
642	Siwa	29 12	25 29	-23	1021·9	1019·1	+ 1·1	..	..	..	..	..	..	..	289·0	..	..	..
643	Cairo (Helwan)	29 52	31 20	116	1004·8	1018·4	+ 1·6	297·7	302·7	7th	287·6	285·1	27th	292·6	292·3	- 0·2	..	..
643a	Aswan	24 2	32 53	100	1004·3	1015·9	+ 1·6	302·5	310·2	8th	287·7	283·6	28th,30th	295·1	294·3	- 1·0	0	[illegible]
644	Tor	28 14	33 37	1·9	1015·5	1015·6	+ 0·8	298·6	300·5	7th	286·7	282·0	30th	292·6	292·9	- 0·1	..	..
		N.	E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ϕChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N. NOVEMBER - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1016·9	1017·5	..	299·2	302·5	18th	291·6	286·8	24th	295·4	295·1	+ 1·2	3	-32
648	Jask	25 45	57 45	4·0	1015·9	1016·4	..	301·8	303·8	2nd	293·8	291·2	5th	297·8	297·5	+ 0·3	0	- 7
649	Karachi	24 48	66 59	4·0	1016·5	1017·0	+ 1·0	302·4	305·2	26th	292·5	290·2	6th	297·5	297·2	+ 0·3	0	- 1
650	Jacobabad	28 17	68 29	56·7	1011·0	1017·7	+ 1·3	303·6	309·7	2nd	284·4	281·3	5th	294·0	293·3	+ 0·1	0	- 2
651	Jaipur	26 55	75 50	436	968·7	1018·8	+ 1·8	301·7	303·6	5 days	285·3	282·4	30th	293·5	292·5	- 1·0	0	- 4
652	Nagpur	21 9	79 7	310	981·5	1017·2	+ 1·3	301·9	305·2	1st	288·3	283·0	13th	295·1	294·8	- 0·6	3	-15
653	Allahabad	25 26	81 50	94·2	1006·3	1017·4	+ 1·2	301·0	302·4	4th,15th	286·5	281·9	30th	293·7	292·8	- 0·1	17	+ 9
653a	Darjeeling	27 3	88 16	2265	780·9	..	+ 2·4	285·8	290·2	17th	279·1	276·9	23rd	282·4	282·1	0·0	39	+19
654	Calcutta	22 32	88 20	6·4	1015·0	1015·8	+ 0·9	300·8	305·2	1st,2nd	291·9	288·6	30th	296·3	295·9	+ 0·4	62	+45
655	Gauhati	26 11	91 45	59·7	1010·5	1017·6	+ 1·0	299·1	302·4	13th	290·2	285·8	30th	294·7	294·0	- 0·1	64	+53
655a	Cherrapunji	25 15	91 44	1313	872·0	..	+ 0·7	292·4	296·3	17th	285·8	281·3	30th	289·1	288·5	0·0	348	+266
656	Akyab	20 8	92 55	6·1	1013·4	1014·2	+ 0·6	302·6	304·7	sev.dates	295·1	290·8	30th	298·8	298·4	+ 0·4	164	+25
656a	Mandalay	21 59	96 6	76·2	1006·6	1015·3	+ 0·7	303·9	309·7	4th	294·7	290·2	25th	299·3	298·7	+ 1·0	40	- 1
657	Tengyueh	25 0	98 40	1634	839·3	1015·9	..	291·9	296·9	12th	282·2	274·7	30th	287·1	286·3	+ 1·1	..	..
658	Phu Lien	20 48	106 38	116	..	1018·8	+ 1·5	299·7	306·1	1st	291·9	288·0	13th	295·8	295·0	+ 0·7	23	-38
659	Mongcay	21 31	107 58	9·0	..	1019·1	+ 1·8	299·8	303·5	8th	290·5	287·4	18th	295·2	294·4	+ 1·0	8	-65
660	Hongkong	22 18	114 10	33·2	..	1019·3	+ 1·7	297·3	303·0	1st	292·3	289·1	2nd	294·8	294·5	+ 0·7	1	-43
	Amoy	24 26	118 4	4·9	1021·2	1021·8	+ 2·3	296·3	301·3	8th,9th	289·2	284·1	26th	292·7	292·4	- 1·2	2	-30
661	Taihoku, Formosa	25 2	121 31	9·3	1020·4	1021·5	+ 2·7	296·8	304·1	9th	289·2	283·8	21st	293·0	292·5	- 0·2	30	-36
661a	Basco	20 28	121 59	18·7	..	1016·0	+ 2·7	300·5	304·5	1st	296·1	294·3	21st	298·3	297·9	+ 0·3	608	+265
662	Naha	26 12	127 39	29·5	1017·2	1020·7	+ 3·1	296·0	300·4	10th	290·1	287·3	1st	293·1	293·0	- 0·7	73	-64
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1017·1	1017·6	+ 1·4	298·6	301·4	11th	291·8	287·6	17th,27th	295·2	294·9	- 0·8	61	-82
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N. NOVEMBER - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N.	W.															
715	Colima	19 12'	103 45	498	958·2	1014·2	+ 1·6	302·6	307·0	5th	291·5	289·5	29th	297·1	295·6	- 1·3	290	+282
716	Morelia	19 42	101 7	1923	811·1	1013·9	+ 0·3	292·3	296·5	20th	283·5	280·7	4th	287·9	287·3	- 0·3	64	+40
717	Mexico, Tacubaya	19 24	99 12	2309	776·3	..	+ 0·3	292·9	298·5	18th	279·5	275·5	4th	286·2	285·6	- 0·7	37	+22
718	Salina Cruz	16 12	95 12	56	1006·1	1012·5	- 0·6	301·9	305·5	30th	295·1	291·2	26th	298·5	298·9	0·0	0	-19
719	San Salvador	13 42	89 13	682	937·2	1012·7	- 0·1	306·5	309·8	30th	290·9	286·6	26th	298·7	296·4	+ 0·9	1	-37
720	Belize	17 31	88 11	5·2	1014·7	1015·3	+ 0·2	300·6	304·1	13th	293·9	289·9	7th	297·3	296·9	- 1·1	142	-65
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·3	+ 1·0	303·7	306·4	13th	295·3	291·7	22nd	299·5	299·3	+ 0·4	32	-65
722	Port au Prince	18 33	72 20	37·4	1009·1	1013·4	+ 0·3	303·5	305·8	5th	295·5	292·9	22nd	299·5	299·2	+ 0·6	106	+19
723	Caracas	10 30	66 56	1043	898·3	1012·6	..	298·1	300·3	5th	288·8	287·2	8th	293·5	292·4	- 0·2	140	+55
724	San Juan, Porto Rico	18 29	66 7	25·0	1010·6	1013·2	- 0·2	302·0	305·8	5th	296·5	294·1	17th	299·2	298·9	+ 0·5	136	-39
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·5	1013·8	+ 2·6	303·8	305·2	8th,18th	296·3	294·7	3rd	300·1	299·5	+ 0·7	129	-86
725	Barbados	13 8	59 36	57·9	..	1012·4	+ 0·5	301·9	304·4	5th	294·9	293·3	9th	298·4	298·2	- 0·7	85	-83
731	ŞSão Vicente, C. Verde Is.	16 54	25 4	11	1013·3	1014·5	+ 0·8	300·5	302·0	2nd,22nd	297·2	295·5	19th,20th	298·9	298·8	+ 1·2	2	- 5
732	São Tiago, C. Verde Is.	14 54	23 31	34	1010·5	1014·4	+ 0·2	302·1	304·2	5th	297·3	294·2	14th	299·7	299·7	+ 0·8	0	-12
733	Dakar	14 40	17 26	32	..	1012·2	..	305·4	310·2	3rd	296·8	294·0	17th	301·1	301·1	+ 2·0	0	- 3
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	303·7	307·4	10th	296·4	294·1	9th,21st	300·1	300·3	+ 0·9	17	..
736	Nikédbalé	12 57	7 26	300	..	..	..	307·8	311·8	1st	288·0	283·2	26th	297·9	298·0	..	0	..
	Kabara	16 45	W. 3 1	273	..	..	..	..	..	..	..	..	..	..	..	..	..	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	308·7	311·3	3rd,9th	292·8	286·9	13th	300·7	300·2	+ 0·3	0	0
738	Kaduna Capital	10 32	7 25	?637	..	..	..	304·8	306·3	6,14,16	..	..	..	..	‡299·1	+ 0·8	0	- 5
739	Maidugari	12 40	10 5	?	..	..	..	305·7	308·6	6th	289·3	283·6	28th	297·5	297·0	- 0·7	0	0
741	Fasher	11 47	13 11	361	..	..	..	308·1	313·6	6th	..	..	..	..	‡299·4	+ 2·2	0	0
742	El Obeid	13 32	25 18	730	928·8	1010·6	..	307·8	310·5	9th,14th	284·0	278·0	30th	295·9	295·0	- 0·9	0	0
743	Khartoum	13 11	30 14	563	948·0	1010·7	+ 1·7	306·9	310·2	9th	285·2	281·3	26th,30th	296·0	296·6	- 1·2	0	0
744	Fort Sudan	15 37	32 33	390	967·5	1011·2	+ 1·3	307·3	311·1	8th	293·8	289·9	26th	300·6	300·9	+ 0·2	0	0
745	Berbera, Somaliland	19 37	37 13	5·5	1012·7	1013·4	+ 0·8	304·4	307·1	10th	297·5	295·7	30th	301·0	300·7	+ 0·6	6	-40
746	Aden	10 26	45 2	13·8	1012·9	1014·5	+ 0·6	302·9	305·2	4th	295·4	293·6	24th,29th	299·2	299·4	- 0·5	0	- 4
		12 49	45 2	29·9	1012·6	1016·1	+ 1·3	304·6	306·9	1st	296·8	294·7	24th	300·7	300·1	+ 1·2	0	- 2
751	Bombay	18 54	72 49	11·3	1013·4	1014·6	+ 1·0	304·7	306·9	7,18,27	295·7	293·6	12th	300·2	299·4	+ 0·2	0	-10
752	Kodaikanal	10 14	77 28	2343	772·6	..	+ 1·2	289·8	293·0	15th	283·3	280·2	24th	286·5	286·1	+ 0·7	181	-26
752a	Bangalore	12 58	77 35	921	912·6	1013·5	+ 0·9	299·8	303·6	20th	290·2	286·9	14,27,28	295·0	294·3	+ 0·4	28	-47
753	Madras	13 4	80 15	6·7	1011·6	1012·5	- 0·4	301·1	304·7	19th	295·1	291·3	13th	298·1	297·7	- 0·8	545	+183
754	Vizagapatam	17 42	83 18	38·4	1010·2	1014·5	+ 0·6	301·1	303·0	17th	294·8	290·2	11th,13th	297·9	297·5	- 0·6	209	+113
755	Port Blair	11 40	92 43	18·0	1010·5	1012·5	+ 0·7	302·9	304·7	23rd	298·2	296·9	4 days	300·6	300·2	0·0	250	+ 8
756	Rangoon	16 46	96 11	5·5	1013·7	1014·4	+ 0·9	305·6	308·0	1st,4th	296·8	294·7	26th	301·2	300·3	+ 1·5	57	-14
758	Cap St. Jacques	10 20	107 5	180	..	1012·6	..	301·7	304·0	10th	296·0	294·8	27th	298·9	298·5	+ 0·5	33	-47
759	Phatrang	12 15	109 12	3·6	..	1013·4	..	301·7	306·2	3rd	295·7	293·5	22nd	298·7	298·3	+ 0·3	680	+295
	Bolinao	16 23	119 53	2	..	1011·9	+ 2·9	304·8	306·2	1st	295·8	294·2	28th,29th	300·3	300·3	+ 0·4	0	-49
763	Vigan	17 34	120 23	12·2	..	1011·8	+ 2·0	305·1	308·5	6th	296·7	294·8	12th,19th	300·9	300·3	+ 0·5	0	-36
763a	Manila	14 35	120 59	14·2	..	1012·4	+ 2·6	304·0	306·2	5th	295·6	293·5	11th	299·8	299·0	+ 0·2	59	-78
765	Ormoc	11 0	124 36	5·6	..	1009·8	+ 1·8	305·1	306·2	2nd	295·5	294·4	26th	300·3	299·7	+ 0·7	207	-38
766	ŞGuam, Ladrone Is.	13 24	144 38	18·6	..	1008·6	+ 0·6	303·5	304·6	2nd,7th	298·1	294·1	19th	300·8	300·8	+ 0·6	269	+79
	Saipan	15 14	145 46	207	987·3	1007·5	..	301·0	302·1	6th	296·8	295·1	20th	298·9	298·7	..	176	..
		N.	E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ϕChange of normals, see Table of Authorities, pages 105-15.

NOVEMBER - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	¢Fanning Island	3 54	159 23	5·3	1009·3	1010·0	- 0·2	305·9	308·0	4th,8th	298·4	296·3	14th,15th	302·1	301·6	+ 0·6	230	+150
821	Cristobal	9 23	79 54	11·0	..	1010·4	- 0·2	303·2	304·7	1st	298·2	296·3	29th	300·7	300·3	+ 1·3	430	+49
822	Bogota	4 36	74 5	2645	746·8	..	+ 1·3	292·6	295·5	13th	283·5	279·5	27th	288·1	287·3	+ 0·6	90	+21
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	1006·3	1010·6	+ 1·2	305·8	307·2	22nd	296·1	294·5	3rd	300·9	300·3	0·0	16	..
824	El Peru, Guayanavieja	7 19	61 49	220	984·0	1008·7	- 0·2	304·2	305·8	21st,25th	296·6	294·9	29th	300·4	299·9	+ 1·9	38	+22
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1010·9	- 0·1	304·4	305·5	21st	298·4	296·3	30th	301·4	301·0	+ 1·3	29	..
826	Paramaribo	5 49	55 9	3·7	1011·0	1011·4	- 0·2	306·8	308·6	12th	296·0	294·5	7th	301·4	302·3	+ 1·1	121	+37
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	61	+91
831	10°-5°N. 30°-25°W.	†† 7 5	†† 27 5	§ (38-61)	..	1013·0	+ 1·5	..	..	Sea Temp. 300·3 ¦ +0·5	..	..	..	..	..	..	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	298·1	+ 0·9	3	..
834	Freetown, Sierra Leone	8 29	13 14	55·0	1005·4	1011·7	+ 2·5	303·4	304·1	..	..	..	..	..	300·0	+ 0·6	7	..
835	Assuantsi	5 18	1 15	97·3	999·5	1010·6	..	303·6	305·2	sev.dates	295·8	293·6	13th	299·6	299·0	- 0·7	68	..
836	Accra	5 33	W. 0 12	17·7	1009·5	1011·5	+ 0·9	304·9	305·8	3rd,11th 16,23,29	294·1	293·0	21st	298·8	298·2	+ 0·2	102	+91
											297·8	295·2	5th,8th	301·3	300·8	+ 1·4	0	..
837	Lagos	6 27	E. 3 24	3·0	1009·1	1009·4	- 0·7	304·4	306·3	29th	297·4	294·7	15th,16th	300·9	300·4	+ 0·3	48	..
838	Victoria, Nigeria	4 1	9 12	15·5	1010·1	1011·9	..	306·7	309·7	5,6,30	294·8	294·1	sev.dates	300·7	299·9	..	61	..
839	Yola	9 12	12 30	259	..	..	..	308·3	310·8	18th	294·0	291·3	9th,28th	301·2	300·7	+ 0·2	0	..
841	¢Wau	7 42	28 3	440	960·7	1009·6	+ 1·3	..	..	..	292·3	289·5	30th	..	299·9	+ 1·0	0	..
843	Malakal (Kodok)	9 35	31 37	394	965·4	1008·8	+ 0·1	310·1	312·7	16th	..	..	..	..	..	..	47	..
843a	Mongalla	5 11	31 47	448	..	..	..	..	..	..	292·9	288·5	6th,27th	301·5	300·6	+ 1·4	20	..
844	Entebbe	0 5	32 29	1171	884·4	1010·3	+ 0·9	299·8	301·3	..	..	..	..	..	..	..	..	..
845	Sheikh	9 55	45 15	1463	..	..	..	294·6	296·9	7,12,16 11th	290·9	288·0	1st	295·3	294·8	+ 0·9	94	..
											282·4	279·7	26th,29th	288·5	297·8	..	3	..
851	Minicoy	8 18	73 0	2·7	1012·5	1012·7	+ 0·7	303·4	304·1	3rd	297·7	296·5	17th	300·6	300·2	..	92	..
851	Cochin	9 58	76 14	2·7	1012·7	1013·0	+ 1·0	302·8	305·8	28th	297·2	295·2	2nd	300·0	299·6	- 0·3	212	..
852	Colombo Observatory	6 54	79 52	7·3	..	1011·4	+ 1·6	302·7	305·0	23rd	296·6	295·3	29th	299·7	299·3	+ 0·4	247	..
853	Nuwara Eliya	6 58	80 46	1881	814·8	1012·8	+ 0·9	293·7	295·9	24th	284·2	281·7	23rd	288·9	288·3	+ 0·5	158	..
854	Trincomalee	8 35	81 15	30·2	..	1010·2	+ 0·8	302·3	304·8	5th	296·7	295·3	26th	299·5	299·1	+ 0·5	253	..
855	Kuta Raja	5 32	95 20	7·1	..	1009·9	0·0	..	..	..	..	..	..	..	..	..	..	..
856	Medan	3 35	98 41	25	..	1011·2	+ 1·1	302·9	305·0	10th	295·6	294·0	17th	299·3	298·6	+ 0·6	225	..
857	Penang	5 34	100 20	5·0	..	..	..	304·8	306·3	sev.dates	296·3	295·8	sev.dates	300·6	300·1	+ 0·7	282	..
857a	Butterworth	5 25	100 22	2·1	..	1010·1	..	303·1	305·2	3rd,26th	296·2	295·2	25th,26th	299·7	299·0	..	169	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	1000·7	1011·1	+ 1·5	303·5	305·8	11th,17th	296·4	294·7	17th,22nd	299·9	299·3	..	193	..
859	Sandakan	5 50	118 7	31·7	..	..	..	303·8	305·2	10th	296·7	294·7	16th	300·2	300·2	0·0	426	..
860	Iwahig	9 44	118 38	14·3	..	1009·0	+ 1·2	303·8	305·6	1st	295·6	?293·5	8th	299·7	299·6	+ 0·5	257	..
861	Tagbilaran	9 38	123 51	21·3	..	1010·1	+ 1·8	304·6	306·5	14th	296·3	295·2	13th,25th	300·5	299·4	0·0	191	..
861	Menado	1 30	124 50	8·5	..	1010·6	+ 2·1	304·0	305·4	12th	295·8	294·5	23rd	299·9	299·5	+ 0·3	154	..
862	Surigao	9 48	125 29	6·0	..	1010·5	+ 2·0	302·7	305·6	10th	297·0	295·0	12th	299·9	299·3	+ 0·1	498	..
863	¢Kolonie, Yap	9 29	138 8	29·3	..	1009·9	+ 1·9	304·1	306·5	21st	298·1	296·4	5th	301·1	300·2	+ 0·2	229	..
864	Palau	7 20	134 29	31·8	1006·6	1010·2	..	303·2	304·5	22nd	297·6	296·2	6th	300·4	300·1	..	200	..
867	Ponape	6 58	158 13	38·9	1004·7	1009·1	..	302·7	305·4	10th	296·5	294·2	28th	299·6	299·4	..	334	..

NOVEMBER - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	1009·2	1009·4	..	303·3	305·4	24th	301·1	299·4	12th	302·2	301·9	..	238	..
920	Lambayeque	6 46	80 55	15	1010·6	1012·3	..	301·7	302·8	2nd,28th	290·7	288·8	19th	296·2	295·5	..	0	..
921	Quito	0 14	78 30	2816	728·1	..	+ 0·5	293·6	297·7	6th	281·7	278·6	3rd	287·7	286·3	+ 0·6	114	..
923	Senna Madureira	9 4	68 40	135	..	..	..	305·8	309·4	21st	294·3	292·8	9th	300·0	298·6	..	197	..
923a	São Gabriel do Rio Negro	0 8	67 5	85·0	1000·2	1009·9	..	305·6	308·0	5th	295·9	293·9	12th	300·8	299·3	..	194	..
924	Manaos	3 8	60 1	43·8	..	..	..	305·0	307·8	5th	295·8	294·2	18th	300·4	300·4	+ 0·1	124	..
926	Taperinha	2 30	54 28	21·5	1008·0	1010·6	+ 0·8	306·8	308·5	21st	296·7	294·8	8th	301·8	301·1	+ 1·5	59	..
927	Turyassu	1 43	45 26	9·1	1009·8	1010·8	+ 0·7	306·3	307·8	11th	295·7	293·4	30th	301·0	300·6	+ 0·5	1	..
928	Barra do Corda	5 30	45 16	81·0	1001·2	1010·6	..	307·8	310·8	15th	295·7	293·0	15th	301·8	301·2	+ 1·6	42	..
929	Quixeramobim	5 16	39 15	207	989·4	1012·6	+ 1·9	306·4	307·7	24th	298·2	297·2	5th	302·3	301·9	+ 0·5	1	..
930	Fernando Noronha	3 50	32 25	106	1000·7	1012·6	+ 0·4	302·2	303·7	7th	297·4	296·1	8th	299·8	298·6	+ 1·1	9	..
934	Ascension Island	7 56	W. 14 25	16·8	1013·6	1015·5	+ 1·0	300·7	301·9	9th	..	..	..	..	298·1	+ 0·9	3	..
939	Loanda	8 49	E. 13 13	59·3	..	1012·2	+ 0·8	300·1	302·8	12th	296·1	294·7	1st	298·1	297·5	- 0·1	7	..
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	294·0	296·2	..	283·4	281·8	..	288·7	289·3	..	150	..
943	Maseka	0 20	31 44	1280	..	..	..	299·5	301·9	29th	289·7	288·6	sev.dates	294·6	293·9	..	103	..
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	822·6	1015·8	..	294·3	296·5	30th	286·3	284·3	30th	290·3	289·3	..	181	..
944a	Zanzibar	6 10	39 12	17·1	1013·4	1015·4	+ 1·2	301·9	304·1	8th	297·8	296·6	17th	299·8	299·2	- 0·4	287	..
945	Lamu	2 16	40 50	3·0	..	..	..	302·6	303·6	24th	296·7	295·2	14,15,19	299·6	299·2	- 0·7	45	..
947	Seychelles, Port Office	4 37	55 27	4·6	1012·1	1012·6	+ 0·8	301·7	303·2	20th	296·1	294·0	4th	298·9	298·1	- 0·3	515	..
957	Padang	0 56	100 22	6·7	..	1011·8	+ 1·0	303·7	305·0	25th	296·6	295·2	1st	300·1	299·4	+ 0·4	350	..
958	Batavia	6 11	106 50	8·0	1010·4	1011·3	+ 1·6	304·2	306·8	10th	296·9	296·0	8,10,14	300·5	300·0	+ 0·7	151	..
958a	Pontianak	0 1	109 20	2·6	..	1011·2	+ 1·2	304·5	306·1	26th	297·5	296·8	3rd	301·0	300·0	+ 0·8	303	..
959	Pasuruan	7 38	112 55	5·0	..	1010·7	+ 1·2	305·5	306·7	1st	296·9	295·5	14th	301·2	301·3	+ 0·7	19	..
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	204	..
962	Amboina	3 42	128 10	4·2	..	1010·5	+ 1·6	304·9	306·6	30th	297·1	295·7	10th	301·0	300·7	+ 1·2	48	..
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	127	..
965	Daru	9 4	143 13	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
966	Port Moresby	9 29	147 9	38·4	..	1011·9	+ 1·9	303·4	..	..	296·3	..	..	299·9	299·4	- 0·5	..	..
967	Rabaul	4 9	152 12	12·5	1008·2	1009·6	+ 1·3	307·1	309·8	10th	295·5	293·3	6th	301·3	300·5	+ 0·4	72	..
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?304·0	?306·3	20th	?297·3	?296·3	sev.dates	?300·7	?300·5	- 0·1	37	..
970	Ocean Island	0 52	169 35	42·6	1005·0	1009·9	- 0·1	303·8	307·4	11th	298·6	296·9	17th	301·2	300·4	0·0	515	..

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§ Number of observations.
¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

NOVEMBER - ZONE 10

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1009·9	+ 0·6	302·6	304·8	28th	297·7	296·1	13th	300·1	300·0	+ 0·6	299	+49
1003	¢Alofi, Niue Island	19 2	169 55	19·8	..	1013·2	+ 1·0	301·3	303·0	19th	293·8	291·3	2,9,10	297·6	297·4	- 0·6	162	+21
1021	Lima																	
1022	Arica																	
1024	La Paz, Bolivia	12 5	77 3	111	1000·3	1013·2	..	298·5	302·4	30th	290·1	288·6	18th	294·3	293·1	..	2	..
		18 28	70 20	5	1012·4	1013·0	..	294·4	295·5	18th	289·6	288·0	1st,14th	292·0	292·2	+ 0·9	0	0
		16 30	68 8	3658	657·5	..	+ 0·2	291·5	296·5	29th	278·5	276·7	27th	285·0	284·6	0·0	70	+22
1025	Corumba																	
1026	Cuyaba	18 59	57 39	116	995·4	1008·4	+ 0·5	305·5	311·2	4th	293·7	288·0	24th	299·6	299·2	- 0·6	163	+37
1027	Bello Horizonte	15 36	56 6	165	990·3	1008·8	+ 0·4	304·6	310·0	13th	295·1	291·5	28th	299·8	299·2	- 1·0	242	+91
1028	Cactite	19 56	43 56	895	913·7	1012·2	+ 0·7	298·5	303·2	5th	289·8	285·6	24th	294·2	292·9	- 1·4	461	+232
1029	Ondina (Bahia)	14 3	42 37	897	915·7	1014·2	+ 1·8	299·4	305·7	16th	291·2	287·8	25th	295·3	294·6	- 1·1	196	+61
1030	Aracaju	13 0	38 31	46·6	1007·5	1012·8	+ 0·5	301·0	303·1	11th	296·0	294·5	25th,27th	298·5	298·4	+ 0·3	232	+91
1035	¢St. Helena	10 55	37 3	6·1	1013·0	1013·8	+ 0·2	301·9	304·2	9th	296·1	294·1	2nd	299·0	298·7	..	46	..
1039		15 57	W. 5 40	579	947·7	1014·8	+ 0·7	290·0	291·9	3rd	286·6	285·8	2nd	288·3	288·2	0·0	29	- 1
1041	Mossamedes	15 12	E. 12 9	12·5	1012·5	1014·0	..	..	300·2	9th	..	287·0	1st	..	..	..	0	..
1041a	Livingstone	17 51	25 51	972	904·8	1008·0	..	309·2	315·2	1st	294·6	289·1	24th	301·9	..	+ 1·5	33	-49
1042	Elizabethville	11 39	27 28	1230	876·2	1006·9	- 0·3	303·5	308·4	1st	289·0	286·5	7th	296·2	..	0·0	105	-18
	Gwelo	19 26	29 45	1411	..	..	..	302·6	308·0	1st	288·9	286·9	3,5,8	295·7	..	+ 0·4	47	-43
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	854·1	1011·6	+ 1·2	300·9	305·5	1st	289·3	286·9	7th	295·1	294·2	+ 0·5	57	-34
1044	Zomba	15 23	35 18	955	906·5	1008·6	+ 0·1	303·3	307·4	29th	292·6	289·7	7th	297·9	297·2	+ 0·7	39	-90
1045	Mauruiil	14 57	40 40	15	..	1014·0	..	306·2	309·0	30th	295·7	292·3	1st	300·9	300·7	..	0	..
1046	Antananarivo	18 55	47 33	1375	856·3	1013·8	+ 1·2	300·9	304·4	26th	287·3	283·0	7th	294·1	292·6	- 0·1	150	+20
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1012·9	1013·6	+ 0·9	303·0	304·6	30th	298·1	296·8	8th	300·6	300·2	+ 0·7	50	-44
1057	Christmas Island	10 25	105 43	5·5	1010·7	1011·4	+ 2·5	303·8	305·2	2nd,12th	297·6	296·3	6th,7th	300·7	300·3	+ 0·4	17	-193
1061	Kupang	10 10	123 34	45	1005·2	1010·3	+ 0·7	307·2	311·5	1st	297·2	296·3	19th	302·2	301·6	+ 0·8	85	- 5
1061a	¢Derby	17 18	123 40	16·2	1009·3	1011·0	+ 1·5	310·2	315·7	18th	299·2	295·8	2nd	304·7	..	+ 1·0	20	- 5
1062	Hall's Creek	18 13	127 46	373	969·9	1010·7	+ 1·9	310·1	314·2	28th	296·2	289·7	2nd	303·2	302·5	- 0·4	78	+39
1063	Darwin	12 28	130 51	29·6	1007·5	1010·8	+ 2·1	306·8	308·7	14th	298·6	294·7	1st	302·7	301·5	- 0·2	138	+21
1064	Daly Waters	16 16	133 23	211	986·5	1009·7	+ 1·7	311·6	314·1	12th,16th	296·9	295·2	1,7,28	304·2	303·5	- 0·1	42	-14
1065	Palmerville	15 56	144 8	210	987·7	1011·0	+ 2·0	308·6	312·6	14th,15th	293·5	289·8	4th	301·0	..	- 0·4	62	+ 4
1066a	Georgetown, Queensland	18 22	143 32	302	979·2	1012·6	+ 2·4	309·3	312·4	15th	294·1	289·1	5th,15th	301·7	..	- 0·3	35	- 8
	Willis Island	16 18	149 59	8·5	1012·3	1013·5	+ 2·3	302·2	303·7	27th	296·6	293·9	4th	299·4	299·4	- 0·4	6	-43
1067	Samarai	10 37	150 40	6·1	..	..	..	..	..	..	296·4	..	..	..	‡301·6	+ 1·0	60	-118
1072	Suva, Fiji	18 8	178 26	6·1	1011·5	1012·1	+ 1·0	300·6	303·6	3rd	295·3	291·9	25th	297·9	297·7	- 0·2	207	-42

BETWEEN LATITUDE 20° S. AND 30° S.

NOVEMBER - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	300·9	302·4	19th	293·5	288·0	10th,13th	297·2	297·0	+ 0·5	104	-50
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1012·4	1015·2	- 0·6	292·9	295·3	27th	287·2	286·1	21st	290·1	289·6	+ 1·6	0	- 1
1122	¢Antofagasta	23 42	70 24	94	1003·4	1014·5	- 2·0	294·2	295·5	19th,25th	288·7	287·0	21st,22nd	291·5	291·2	+ 0·9	0	0
1123	Catamarca	28 29	65 47	528	951·7	1010·6	+ 3·0	303·5	312·0	2nd	292·1	287·0	16th	297·8	296·8	- 0·9	79	+44
1124	Salta	24 46	65 24	1182	882·8	1010·8	+ 2·8	300·3	309·1	26th	286·6	279·1	22nd	293·4	293·2	- 1·0	37	-21
1125	Goya	29 9	59 15	37	1007·0	1011·3	+ 0·6	303·6	309·0	26th	290·7	285·0	30th	297·2	296·8	+ 1·3	62	-42
1126	¢Asuncion	25 17	57 41	93	1001·9	1012·5	+ 2·5	304·9	310·7	13th	293·3	286·7	23rd	299·1	298·3	+ 0·4	131	-12
1127	Curityba	25 25	49 17	908	913·3	1014·4	+ 1·3	296·7	301·6	14th	285·7	278·9	23rd	291·2	290·2	- 0·7	67	-59
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1011·6	1013·7	+ 1·2	297·4	304·6	30th	292·8	289·0	24th	295·1	295·1	- 0·8	43	-60
1139	Windhoek	22 34	E. 17 6	1727	830·5	1009·2	..	302·6	306·7	5th	289·5	286·3	26th	296·0	295·6	+ 0·7	37	+16
1140	O'Okiep	29 36	17 52	933	911·6	1015·6	+ 0·9	301·1	308·5	17th	280·7	275·3	30th	290·9	290·7	- 0·8	15	+10
1141	¢Kimberley	28 44	24 46	1218	879·5	1009·5	+ 0·7	303·9	309·7	9th	288·8	284·8	29th	296·3	296·2	+ 1·3	9	-28
1141a	Johannesburg	26 11	28 4	1806	824·0	1012·4	+ 0·7	298·6	302·9	29th	286·4	282·2	2nd,23rd	292·5	292·1	+ 1·9	76	-50
1142	Bulawayo	20 9	28 35	1349	868·6	1011·6	+ 0·5	303·8	309·1	1st	289·5	288·0	3,20,28	296·7	296·3	+ 1·2	67	-17
1143	Durban	29 52	31 3	15·2	1015·4	1017·2	+ 0·8	296·7	300·2	26th	291·6	287·9	2nd	294·2	293·7	- 0·5	82	-44
1144	Lourenço Marques	25 58	32 36	59·5	..	1015·1	+ 0·5	301·8	313·5	20th	292·4	289·5	7th	297·1	296·4	+ 0·2	131	+55
1147	Mauritius	20 6	57 33	55·2	1010·8	1017·2	+ 1·1	300·7	304·6	26th	293·2	289·8	8th	296·9	296·4	- 0·5	53	+13

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

NOVEMBER - ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	ϕOnslow	21 43 S.	114 57 E.	4·3	1010·7	1011·2	+ 1·4	306·6	313·1	8th	291·7	289·6	22nd	299·2	..	- 0·5	0	- 1
1160	ϕCue	27 27	117 52	454	962·3	1012·6	+ 1·7	305·9	312·4	12th	290·6	284·8	4th	298·3	..	0·0	0	- 1
1161	Nullagine	21 53	120 5	386	..	..	..	311·7	314·7	6th,7th	294·5	288·0	5th	303·1	..	+ 0·2	0	- 1
1162	Leverton	28 40	122 23	466	962·0	1013·7	+ 1·7	305·4	312·4	19th	290·4	284·8	22nd	297·9	297·7	+ 0·2	10	+ 4
1163	Alice Springs	23 38	133 37	587	947·6	1011·6	+ 2·1	306·1	310·2	3,8,20	292·7	285·2	1st	299·4	299·2	+ 0·2	5	- 1
1164	William Creek	28 55	136 21	76·2	1005·8	1014·3	+ 1·8	305·6	315·3	3rd	290·4	285·8	5th	298·0	297·5	+ 0·2	8	+ 2
1164a	Boulia	22 55	139 38	146	994·0	1010·1	+ 1·4	310·7	315·6	21st	295·3	290·9	15th,16th	303·0	302·8	+ 0·1	6	+ 1
1165	Thargomindah	27 58	143 43	123	998·5	1012·3	+ 1·6	306·5	313·6	22nd	292·8	286·9	15th	299·7	299·3	+ 0·1	27	+ 9
1166	Mitchell	26 32	147 52	336	975·9	1013·6	+ 2·1	305·3	310·2	22nd	289·2	280·8	15th	297·2	..	+ 0·4	79	+ 46
1167	Rockhampton	23 24	150 30	11·3	1014·3	1015·6	+ 2·4	304·9	310·3	14th	293·1	288·6	4th	299·0	298·2	+ 0·4	13	- 3
1168	Brisbane	27 28	153 2	41·8	1012·0	1016·4	+ 1·9	301·7	308·9	13th	291·4	288·1	3rd	296·6	296·0	+ 0·5	24	+ 4
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1018·4	1020·2	+ 3·2	295·0	299·7	26th	289·0	283·8	10th	292·0	291·6	- 0·4	81	+ 31

NOVEMBER - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1221	Juan Fernandez	33 37 S.	78 52 W.	6	1019·6	1020·3	- 0·2	292·2	294·8	8th	286·0	283·5	17th	289·1	289·1	+ 0·8	16	+ 4
1221a	Punta Tumbes	36 37	73 6	120	1000·4	1014·8	- 1·6	290·1	294·0	16th	283·5	280·8	10th	286·8	286·4	+ 0·9	31	+ 7
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1010·8	1015·7	+ 0·1	293·3	297·6	21st	285·1	281·6	9th,12th	289·2	288·9	+ 0·4	17	+ 4
1222a	Santiago	33 27	70 42	520	954·8	1014·3	0·0	297·6	304·8	22nd	284·5	279·4	20th	291·1	290·6	+ 1·0	14	+ 3
1223	Cordoba	31 25	64 12	423	963·5	1011·7	+ 0·9	300·5	308·0	1st	287·4	279·8	30th	294·0	293·4	+ 0·2	32	+ 8
1224	Bahia Blanca	38 45	62 16	28·7	1010·4	1013·8	+ 1·3	298·4	309·1	1st	286·1	279·1	22nd	292·2	292·0	+ 0·4	48	+ 20
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1011·8	1014·7	+ 1·1	297·1	305·2	25th	287·0	278·7	22nd	292·0	292·0	+ 0·2	95	+ 41
1226	ϕMontevideo (Prado)	34 52	56 12	24·9	1012·2	1015·5	+ 2·4	296·6	305·0	1st	285·9	279·8	23rd	291·3	291·3	- 0·1	112	+ 47
1226a	Porto Alegre	30 2	W. 51 13	23·5	1011·0	1013·7	+ 0·8	298·7	306·9	26th	289·0	284·8	23rd	293·9	293·7	- 0·2	87	+ 41
1239	Cape Town	33 56	E. 18 29	12·2	1015·7	1017·2	+ 1·8	297·7	306·4	15th	286·7	281·9	2nd	292·2	291·1	+ 1·2	26	+ 4
1240	Danger Point	34 37	19 18	27·7	..	..	..	293·8	295·8	26th	286·9	280·8	1st	290·3	..	+ 0·6	14	- 2
1241	Riversdale	34 6	21 16	61·0	..	..	..	301·1	308·6	15th	284·4	278·6	3rd	292·7	..	+ 0·9	19	+ 3
1242	East London	33 1	27 54	45·4	1011·0	1016·4	+ 1·3	295·3	298·2	3rd	287·7	284·1	13th	291·5	..	- 0·3	13	- 3
1259	Perth (Observatory)	31 57	115 51	60·0	1010·4	1017·5	+ 1·9	297·8	309·0	30th	287·2	281·6	8th	292·5	292·2	+ 0·5	25	+ 8
1260	ϕKatanning	33 42	117 35	310	980·4	1016·1	+ 1·0	298·6	309·1	30th	284·1	277·8	6th	291·3	..	+ 0·6	..	..
1261	ϕCoolgardie	30 57	121 10	423	967·5	1015·0	+ 1·8	303·4	310·3	24th	285·9	280·8	3rd,4th	294·7	294·5	0·0	1	- 4
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1015·4	1016·8	+ 1·5	298·3	308·0	19th	286·4	281·2	10th	292·3	292·5	- 0·3	12	+ 3
1264	Adelaide	34 56	138 35	42·7	1011·1	1016·3	+ 1·2	298·4	309·1	20th,26th	286·6	279·9	5th	292·5	292·0	+ 0·1	23	+ 6
1265	Melbourne	37 49	144 58	35·1	1010·2	1014·3	- 0·1	295·8	304·8	20th	283·8	279·7	14th	289·8	289·6	+ 0·5	82	+ 46
1266	Bourke	30 13	145 58	110	1003·5	1016·0	+ 1·7	307·1	315·2	21st	290·7	281·3	15th	298·9	..	+ 0·4	..	..
1267	Sydney	33 51	151 13	42·1	1009·3	1014·0	+ 0·3	297·3	306·1	4th	289·0	284·8	16th	293·2	292·7	+ 0·8	17	+ 1
1268	Lord Howe Island	31 20	159 0	4·9	1017·2	1017·7	+ 1·4	295·8	300·2	22nd	288·8	284·3	1st	292·3	..	- 0·4	27	+ 1
1271	Auckland	36 51	174 48	13·4	..	1014·5	+ 0·3	290·8	293·4	29th	284·2	282·7	7th	287·5	..	- 1·2	79	+ 31
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	292·2	297·6	30th	282·1	275·9	29th	287·1	..	- 1·8	35	+ 7

NOVEMBER - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1301	Chatham Island	43 52 S.	176 42 W.	45·7	..	1005·8	- 1·3	..	..	..	..	..	..	..	..	..	81	+ 31
1321	Isla Guafo	43 34	74 45	140	998·8	1015·7	- 0·4	285·3	288·4	16th	281·7	278·5	28th	283·5	283·4	+ 0·9	96	+ 46
1322	ϕPunta Galera	40 1	73 44	40	1011·4	1016·2	- 1·1	288·2	292·0	26th	282·7	278·5	29th	285·5	285·4	+ 0·9	139	+ 76
1323	Sarmiento	45 33	69 1	272	978·4	1010·4	+ 2·1	295·5	302·4	22nd	281·6	275·3	28th	288·6	288·1	+ 1·3	3	+ 1
1324	Puerto Madryn	42 46	W. 65 2	14	1011·0	1012·7	+ 2·7	295·7	305·2	17th	280·8	273·0	13th	288·2	289·2	+ 0·2	36	+ 6
1365	Launceston	41 27	E.147 10	81·1	1001·2	1010·8	+ 0·4	292·8	299·2	2nd	280·6	275·5	15th	286·7	285·9	- 0·4	64	+ 24
1366	Hobart	42 53	147 20	53·9	1001·9	1008·4	- 0·9	291·4	299·6	8th	281·6	276·7	20th	286·5	285·7	- 0·4	64	+ 28
1369	Invercargill	46 25	168 21	3·7	..	..	..	287·8	295·8	4th	278·8	274·1	7th	283·3	..	- 1·1	170	+ 98
1370	Alexandra	45 15	169 24	159	..	..	..	290·3	297·4	28th	278·6	273·6	25th	284·4	284·4	..	38	- 34
1371	Dunedin	45 52	170 31	6·1	..	1004·7	- 2·5	287·6	294·8	30th	278·6	274·1	28th	283·1	..	- 1·7	122	+ 50
1371a	Christchurch	43 42	172 39	7·6	..	1005·5	- 2·9	289·7	297·1	30th	280·1	274·7	24th	284·9	..	- 1·7	20	- 46
1372	Wellington	41 16 S.	174 46 E.	128	..	1008·1	- 3·3	288·0	291·6	15th	281·2	277·0	29th	284·6	283·9	- 2·2	102	+ 36

NOVEMBER - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1421	ϕIslote de los Evangelistas	52 24 S.	75 6 W.	55	998·2	1004·9	+ 2·9	282·2	284·2	5th	277·6	275·1	25th	279·9	280·2	+ 1·0	147	+ 73
1422	Magallanes (Punta Arenas)	53 10	70 54	28	999·8	1003·2	+ 2·8	287·4	292·0	14th,15th	279·0	275·3	27th	283·2	283·2	+ 1·9	18	+ 8
1423	Punta Dungenese	52 24	68 26	5	1002·4	1003·0	+ 3·9	287·0	296·0	14th	..	..	..	..	‡282·7	..	12	+ 3
1424	Santa Cruz	50 1	68 31	13	1004·0	1005·6	+ 2·5	292·9	304·4	6th	280·0	274·8	28th	286·4	286·3	+ 1·5	5	- 3
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1004·5	+ 3·1	285·6	292·4	23rd	275·7	270·8	30th	280·6	..	+ 0·3	34	+ 7
1426	Cape Pembroke	51 41	57 42	21·3	1001·5	1004·1	+ 4·8	283·4	290·8	22nd	276·6	273·0	30th	280·0	280·2	+ 0·5	..	..
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	995·0	995·5	+ 1·6	280·3	287·3	27th	272·6	267·4	5th	276·5	276·1	+ 0·2	74	+ 31

NOVEMBER - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1527	South Orkneys	60 43 S.	44 47 W.	7	992·9	993·8	+ 4·9	274·2	281·8	15th	268·1	257·4	2nd	271·2	270·7	- 0·1	19	+ 1

*For formulae employed see Table of Authotities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
ϕChange of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, DECEMBER 1930

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF DECEMBER, 1930
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. DECEMBER - ZONE 1.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	N.	W.															
105	Barrow	70 58	178 33	6·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
125	Upernivik	71 23	156 17	4·6	..	1011·5	- 1·4	251·9	259·1	5th,6th	247·1	238·0	16th,17th	249·5	..	+ 0·9	8	+ 1
131	Myggbukta	72 47	56 7	19·2	1002·2	1004·7	- 1·6	262·8	266·4	1st	259·1	255·0	14th,15th	260·9	260·8	+ 4·8	22	+ 9
132	Scoresbysund	73 30	21 30	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
135	Jan Mayen	70 29	21 58	16·9	999·6	1001·8	..	266·0	274·6	16th	258·6	236·7	26th	262·3	262·8	..	126	..
139	Svalbard Radio (Spitsbergen)	70 59	W. 8 18	23·1	997·3	‡000·2	- 1·0	..	277·3	14th	270·3	264·0	26th	..	271·8	+ 1·8	66	+17
140	Björnöen	78 13	E. 15 38	53·0	999·6	1006·3	- 0·7	..	277·4	11th	265·9	256·5	7th	..	268·2	..	11	..
141	Ingöy	74 28	19 17	29·2	1002·2	1005·9	+ 2·3	..	276·2	1st	270·0	264·8	10th	..	271·7	+ 4·0	40	+ 3
142	Sletnes	71 4	24 6	4·3	1009·0	1009·5	+ 6·5	..	279·2	2nd	271·3	265·4	20th	..	273·3	+ 0·9	52	-18
143		71 5	28 14	10·2	1010·3	1011·6	+ 6·7	..	278·7	2nd	267·9	254·8	26th	..	270·8	..	60	..
147	Vardö	70 22	31 5	12·1	‡1012·2	1013·7	+ 8·0	..	276·2	5th	267·4	258·1	27th	..	270·0	+ 1·4	27	-36
148	Malye Karmakouly	72 23	52 43	15·3	1014·0	1016·0	+ 6·2	..	..	..	..	..	..	..	‡262·8	+ 3·8	7	-14
153	Waigatz	70 24	58 47	11·2	1016·4	1017·9	+ 9·4	..	..	..	..	..	..	..	261·7	+ 3·9	..	..
162	Dickson	73 31	80 23	13·0	1016·2	1018·0	+ 3·9	..	..	..	..	..	..	..	250·5	+ 1·3	4	- 3
	Bouloune	70 45 N.	127 47 E.	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N. DECEMBER - ZONE 2.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
201	Preobrajenye	N.	W.															
202	Davoonga	64 52	175 18	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
203	Nome	63 43	170 20	5·5	..	..	..	258·4	266·9	6th	253·7	244·7	14th,31st	256·1	..	..	..	..
204	Bethel	64 30	165 24	6·7	..	995·9	..	264·3	272·4	5,6,7	257·2	246·3	13th,14th	260·8	..	+ 2·4	9	..
205	ϕTanana	60 45	161 47	11·6	..	992·9	..	266·8	274·7	29th	256·8	243·6	14th	261·8	..	+ 2·1	22	- 6
206	Rampart	65 10	152 6	69·5	991·5	1000·3	- 9·9	259·0	266·9	5th,7th	251·8	237·4	15th	255·4	‡255·9	+ 6·5	22	0
207	Valdez	65 30	150 15	114	..	..	..	257·1	265·8	7th	249·0	233·6	15th	253·1	..	+ 5·0	11	- 7
208	ϕEagle																3	-14
209	Dawson	61 7	146 16	122	..	..	..	274·7	279·1	7th,8th	267·9	261·9	9th	271·3	..	..	193	..
210	Aklavik	64 46	141 12	248	969·4	1000·3	-11·5	263·6	274·7	6th	254·2	241·9	10th,19th	258·9	‡259·4	+10·2	7	- 4
211	ϕFort Good Hope	64 4	139 29	324	965·1	1008·1	..	257·4	268·6	7th	248·1	238·6	2nd	252·8	252·9	+ 3·8	56	+31
212	Fort Simpson	68 14	134 50	7·6	1005·4	1006·5	..	253·1	263·0	7th,8th	245·2	230·2	24th	249·2	249·2	..	8	..
213	Hay River	66 15	128 38	65·2	1002·5	1011·5	..	254·2	261·9	8th	244·7	231·9	1st	249·5	..	+ 5·7	34	+15
		61 52	121 35	129	992·1	1009·3	..	260·5	279·1	7th	251·7	241·3	2nd	256·1	256·3	+ 7·9	22	0
225		60 51	115 57	161	987·1	1008·2	..	266·1	281·9	7th	253·8	240·2	2nd	260·9	259·7	+ 8·1	12	- 7
226	Jacobshavn	69 13	51 2	31·6	995·5	999·6	- 4·2	264·5	269·7	24th	259·1	251·2	7th	261·8	262·3	+ 2·3	7	- 6
227	Godthaab	64 10	51 43	20	..	..	..	268·1	273·4	22nd	263·7	258·8	8th	265·9	266·2	+ 1·1	14	-26
229	Ivigtut	61 12	48 10	30·0	994·4	998·2	- 0·9	269·2	277·3	22nd	261·8	251·8	7th	265·5	266·5	- 0·2	48	-30
	Angmagsalik	65 36	37 33	29·3	991·5	995·2	- 3·9	270·1	278·0	17th	264·8	256·0	30th	267·5	267·5	+ 1·3	3	-69
231	Stykkisholm	65 5	22 46	25	..	991·9	- 6·9	275·2	279·5	3rd	271·5	267·2	6th	273·3	273·2	+ 1·5	104	+39
232	Westmanno	63 24	20 17	132	..	992·3	- 4·7	277·5	281·5	3rd,4th	273·7	270·1	7th	275·6	275·8	+ 2·2	137	- 2
233	Spitsbey	66 33	18 1	22	..	993·2	- 7·6	275·2	277·4	19th	..	..	..	..	274·0	+ 2·3	23	+ 4
234	Tatgarhorn	64 41	14 02	18	..	994·7	- 5·2	277·7	283·2	4th	273·1	267·7	24th	275·4	274·9	+ 2·4	305	+168
235	Hjÿig	62 3	6 45	22·9	996·2	999·0	- 3·0	280·8	284·4	3rd	276·3	272·6	22nd	278·5	278·7	+ 2·2	184	+12
236	Lerwick	60 8	W. 1 11	18·0	..	1004·5	+ 0·3	280·1	283·0	4,19,20	278·4	275·2	22nd	279·3	279·6	+ 1·8	139	+17
237		60 24	E. 5 19	44·4	1005·9	1011·4	+ 3·7	279·4	283·3	5th	275·7	270·5	18th	277·5	277·6	+ 2·2	220	+39
238	Bergen (Fredriksberg)	62 28	6 10	6·3	1009·0	1009·8	+ 3·2	..	286·1	4th	276·3	271·7	27th	..	278·4	+ 2·4	56	-70
239	Aalesund	63 26	10 25	59·2	1004·5	1011·9	+ 5·1	275·5	282·8	4th	271·1	262·7	27th	273·3	273·9	+ 3·3	42	-24
240	Trondheim	67 17	14 26	17·0	1009·0	1011·1	+ 6·2	..	280·4	4th	272·1	264·2	26th	..	274·4	+ 2·9	122	+44
241	Bodö	65 50	14 9	9·2	1019·1	1020·3	+10·4	269·0	278·0	5th	262·3	245·0	25th	265·7	265·8	+ 2·4	34	- 1
242	Haparanda	60 10	24 57	11·7	1021·1	1022·6	+10·4	272·8	279·8	5th	269·0	255·8	27th	270·9	271·0	+ 1·9	34	-17
242a	Helsingfors	62 55	27 40	233	993·5	1023·8	+11·9	267·3	277·1	5th	262·3	247·0	28th	264·8	264·8	- 0·6	18	-29
	Kuopio	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
243	Kola	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	64 34	40 31	6·3	1022·3	1023·1	+12·0	..	..	..	..	..	..	..	..	..	..	..
245	Archangelsk	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	260·9	- 0·8	29	+ 5
246	Mezen	65 25	52 18	? 68	1012·3	1021·6	+ 8·6	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	60 24	56 31	?208	..	..	..	..	..	..	..	..	..	..	254·9	- 3·5	27	+ 6
248	Tcherdyn																	
249	Berezov	63 56	65 4	46	1016·8	1023·1	+ 4·7	..	..	..	..	..	..	..	252·8	- 0·1	13	- 2
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Sourgout	61 15	73 24	48	1014·8	1021·4	+ 2·1	..	..	..	..	..	..	..	252·2	- 0·3	25	+ 4
254	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Tourouhansk	65 47	87 57	45·0	1015·4	1021·8	+ 1·8	..	..	..	..	..	..	..	244·8	- 0·4	17	+ 4
261	Wilkoutsk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	1006·3	1022·1	- 3·1	..	..	..	..	..	..	..	234·6	+ 1·6	14	+ 4
263	Verkholensk	67 33	133 24	100	1001·0	1016·1	- 7·5	..	..	..	..	..	..	..	227·3	+ 0·6	3	- 1
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Malakhan																	
271	Novo Marlinskii Post	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		64 45	177 33	17·2	1007·5	1009·8	- 5·3	..	..	..	..	..	..	..	246·7	- 5·3	0	- 9

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
ϕChange of normals, see Table of Authorities, pages 105-15.

DECEMBER - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Temperature: Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation: Total	Precipitation: Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	øSt. Paul Island	57 15	170 10	28·0	..	988·8	-12·1	273·5	275·8	15,16,29	269·3	264·1	13th	271·4	..	+ 0·9	80	[illegible]
303	øDutch Harbor (Radio)	53 55	166 30	4·0	989·5	989·8	- 9·3	275·1	278·6	15th	270·6	266·3	8th,9th	272·9	‡273·2	- 0·3	120	[illegible]
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
305	Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	264·1	249·1	24th	..	..	..	94	[illegible]
306	øKodiak (Radio)	57 47	152 22	4·6	988·3	989·1	-11·1	277·3	279·7	2nd	271·5	266·3	14th	274·4	‡274·9	+ 1·5	164	[illegible]
309	Sitka	57 3	135 19	19·8	..	..	..	281·9	286·9	7th	275·3	271·9	1,2,30	278·6	..	+ 3·7	368	[illegible]
310	Prince Rupert	54 18	130 18	51·8	1003·2	1009·6	+ 0·1	281·3	284·7	12th	277·4	273·6	18th,25th	279·4	279·6	+ 4·3	393	[illegible]
311	Prince George	53 50	122 48	570	947·3	1016·8	..	276·4	280·8	7th	270·8	261·9	20th,31st	273·6	273·6	+ 9·8	48	[illegible]
312	Kamloops	50 41	120 29	385	978·5	1026·7	+ 2·7	275·1	279·1	15th	270·6	265·2	29th	272·9	272·9	+ 2·7	9	[illegible]
313	Calgary	51 2	114 2	1058	892·8	1018·0	+ 0·4	279·0	287·4	16th	266·7	260·8	1st	272·9	272·5	+ 6·9	13	[illegible]
314	Fort Smith	60 0	111 52	183	982·6	1006·6	..	265·0	284·1	8th	254·2	236·9	2nd	259·6	259·7	+ 9·5	37	[illegible]
315	øPrince Albert	53 10	105 38	437	958·9	1014·0	- 5·9	271·2	277·4	5,8,16	261·3	245·8	3rd	266·2	266·3	+ 7·8	4	[illegible]
316	Qu'Appelle	50 30	103 47	654	936·9	1018·1	- 1·9	270·6	280·2	8th	261·6	245·8	3rd	266·1	266·0	+ 6·0	9	[illegible]
317	øMinnedosa	50 15	99 50	515	952·4	1017·7	- 1·5	269·0	276·3	8th,9th	258·9	241·9	3rd	263·9	263·7	+ 5·0	6	[illegible]
318	øBerens River	52 18	97 23	216	..	..	..	267·6	274·1	8th	256·6	239·7	3rd	262·1	..	+ 5·4	14	[illegible]
319	Pagwa	50 3	85 18	189	..	..	..	268·8	275·8	6,9,18	257·0	242·4	2nd	262·9	..	+ 4·1	14	[illegible]
320	Moose Factory	51 14	80 30	9·1	1013·0	1014·2	..	264·7	274·7	6th	257·7	243·0	2nd	261·2	261·1	+ 3·2	..	[illegible]
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
322	Mistassini Post	50 15	73 55	383	..	..	..	264·3	273·0	6th	256·8	243·6	27th	260·6	..	+ 3·7	42	[illegible]
323	Natashquan	50 8	61 48	6·1	..	..	..	268·2	276·3	12th	259·9	248·0	27th	264·1	..	+ 2·0	41	[illegible]
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
333a	62°-57°N. 20°-15°W.	††58 39	††17 24	§ (23)	..	..	..	..	..	Sea Temp. 281·6 -0·3	..	..	..	..	279·6	..	..	[illegible]
334	Valentia Observatory	51 56	10 15	13·7	1008·9	1010·6	- 0·1	282·5	285·0	11th,12th	278·6	274·7	4th	280·5	280·8	+ 0·3	159	[illegible]
335	Aberdeen	57 10	W. 2 6	26·0	1003·9	1007·1	+ 0·1	279·9	286·1	18th	275·5	269·8	10th	277·7	277·8	+ 1·1	101	[illegible]
336	Greenwich	51 28	0 0	46·3	..	1012·7	- 1·3	280·3	284·7	27th	274·9	270·8	6th,22nd	277·6	277·8	+ 0·1	39	[illegible]
337	Uccle	50 48	E. 4 22	100	1002·0	1014·4	- 2·3	279·0	282·7	31st	273·6	268·3	26th	276·3	276·0	+ 0·3	44	[illegible]
338	De Bilt	52 6	5 11	3·0	1013·7	1014·1	- 0·5	277·9	282·8	1st	272·8	268·2	5th	275·3	275·2	- 0·4	47	[illegible]
338a	Hamburg	53 33	9 58	40·3	1011·1	1016·2	+ 2·6	276·2	282·6	1st	273·1	268·9	26th	274·7	274·6	+ 0·3	13	[illegible]
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1016·2	1016·8	+ 3·5	277·1	280·9	2nd	274·3	269·4	19th	275·7	275·8	+ 1·9	12	[illegible]
340	Potsdam	52 23	13 4	84·9	1007·0	1017·7	+ 2·3	275·0	278·7	1st	271·6	266·9	25th	273·3	273·1	- 0·4	16	[illegible]
340a	Uppsala	59 51	17 38	24	1015·3	1018·3	+ 7·1	274·8	279·4	4th	271·0	261·2	18th	272·9	273·1	+ 3·7	37	[illegible]
341	Warsaw	52 13	21 3	88·3	1009·5	1020·8	+ 3·2	273·4	281·2	1st	267·7	252·3	28th	270·5	270·2	..	20	[illegible]
342	Tartu (Ülikooli)	58 23	26 43	80·8	1013·5	1024·0	+11·0	269·6	277·8	4th,5th	266·1	252·2	27th	267·8	267·9	- 0·2	17	[illegible]
343	Leningrad	59 56	30 16	4·8	1024·4	1025·0	+12·1	..	..	..	..	..	..	..	..	..	17	[illegible]
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	266·1	- 1·1	..	[illegible]
344a	Moscow	55 50	37 33	164	1006·7	1028·4	+10·8	..	..	..	..	..	..	..	..	..	23	[illegible]
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	262·5	- 2·5	..	[illegible]
346	Kazan	55 47	49 8	80·6	1016·4	1027·2	+ 6·1	..	..	..	..	..	..	..	..	..	28	[illegible]
347	Orenburg	51 45	55 6	109	1013·5	1028·3	+ 2·1	261·9	274·9	6th,7th	255·7	242·7	16th	258·8	258·5	- 4·2	12	[illegible]
348	Perm	58 1	56 16	163	1003·0	1024·9	+ 3·7	..	..	..	..	..	..	..	255·9	- 5·7	40	[illegible]
349	Sverdlovsk	56 50	60 38	281	985·6	1022·9	+ 1·6	..	..	..	..	..	..	..	256·9	- 3·1	44	[illegible]
350	Tobolsk	58 12	68 14	108	..	..	..	..	..	..	..	..	..	..	257·5	- 2·8	21	[illegible]
351	Akmolinsk	51 12	71 23	347	980·6	1026·9	- 2·7	..	..	..	..	..	..	..	253·7	- 3·3	33	[illegible]
352	Omsk	55 1	73 19	108	..	..	..	..	..	..	..	..	..	..	255·7	- 3·3	10	[illegible]
353	Barnaoul	53 20	83 47	158	1007·9	1029·1	- 0·1	..	..	..	..	..	..	..	254·6	- 2·2	33	[illegible]
354	Tomsk	56 30	84 58	123	1008·3	1024·9	- 1·3	..	..	..	..	..	..	..	257·5	- 0·8	35	[illegible]
355	Minousinsk	53 43	91 41	249	997·0	1030·8	- 1·2	..	..	..	..	..	..	..	255·2	- 0·9	8	[illegible]
356	Eniseisk	58 27	92 10	81·2	1014·6	1025·8	- 0·6	..	..	..	..	..	..	..	253·7	- 2·1	28	[illegible]
357	Irkutsk	52 16	104 19	467	967·5	1030·0	- 1·6	..	..	..	..	..	..	..	251·5	- 1·5	13	[illegible]
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	253·4	- 0·9	..	[illegible]
359	Tchita	52 2	113 30	685	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
360	Nertchinskii Zavod	51 19	119 37	621	944·8	1028·8	+ 0·2	..	..	..	..	..	..	..	..	..	2	[illegible]
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	246·9	0·0	..	[illegible]
362	Blagovyeschensk (Bureau Météor.)	50 16	127 30	142	1004·2	1024·1	+ 1·0	..	..	..	..	..	..	..	..	..	4	[illegible]
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	245·8	- 5·4	..	[illegible]
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1008·4	1014·2	+ 1·4	..	..	..	..	..	..	..	..	..	13	[illegible]
366	Okhotsk	59 21	143 17	5·5	1009·0	1009·8	- 1·3	..	..	..	..	..	..	..	249·1	- 3·6	..	[illegible]
368	Petropavlovsk (Phare)	52 53	158 43	87·1	..	..	..	..	..	..	..	..	..	..	250·3	- 1·9	..	[illegible]
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†† Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§ Number of observations.
øChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

DECEMBER - ZONE 4.

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Temperature: Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation: Total	Precipitation: Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1012·5	1021·2	+ 4·7	281·2	284·1	2nd	277·2	273·6	28th	279·2	279·0	+ 1·1	20	-126
412	Portland, Oregon	45 32	122 41	46·6	1018·6	1024·0	+ 5·1	280·1	285·8	9th	275·3	270·8	31st	277·7	277·5	- 0·3	80	-96
413	Macleod	49 44	113 24	953	..	..	..	278·3	283·6	9th	270·1	261·9	1st	274·2	274·2	+ 5·5	3	-11
414	Helena	46 34	112 4	1257	877·5	1024·4	+ 4·2	275·4	282·4	9th	267·7	259·7	26th	271·6	271·2	+ 2·7	0	-20
414a	Salt Lake City	40 46	111 54	1329	875·4	1029·4	+ 5·3	270·9	275·2	4th	264·5	258·6	31st	267·7	268·2	- 5·1	14	-21
415	Cheyenne	41 8	104 48	1856	813·7	1023·0	+ 3·0	277·3	289·1	8th	265·2	259·7	19th	271·3	270·6	+ 0·5	3	- 9
416	North Platte	41 8	100 45	860	919·4	1022·3	+ 1·7	276·3	281·9	8th	266·8	263·0	19th	271·6	271·0	+ 1·5	4	-10
416a	Bismarck	46 47	100 38	510	956·2	1019·3	0·0	272·1	280·8	8th	263·6	254·7	1st	267·9	268·4	+ 3·8	5	-10
417	Winnipeg	49 53	97 7	232	987·8	1018·0	..	266·1	276·3	8th	259·1	244·1	3rd	262·6	262·7	+ 4·2	15	- 9
418	Duluth	46 47	92 6	345	975·0	1018·3	+ 0·7	269·8	283·0	9th	261·7	247·4	1st	265·8	265·6	+ 2·4	5	-25
419	øPort Arthur	48 27	89 12	196	991·7	1016·9	- 0·3	269·4	277·4	8th,9th	261·7	248·6	1st	265·6	265·7	+ 2·3	16	- 5
420	Chicago	41 47	87 35	205	993·7	1019·3	+ 0·7	274·6	283·6	9th	268·8	259·1	2nd	271·7	271·6	- 0·4	7	-46
421	Toronto	43 40	79 24	116	1003·2	1018·0	+ 0·2	274·0	280·2	9th	268·4	255·8	2nd	271·2	271·1	+ 0·9	29	-34
422	øNew York (Central Park)	40 47	73 58	47·4	1011·5	1017·5	- 0·9	277·1	287·4	1st	271·8	260·8	16th	274·4	274·6	+ 0·2	69	-17
423	øSt. John, N.B.	45 17	66 4	36·3	1010·5	1015·1	..	272·3	280·2	20th	265·5	253·0	16th	268·9	268·5	+ 0·4	87	-19
424	S.W.Point, Anticosti	49 24	63 33	9·1	1010·7	1011·9	..	270·1	274·7	1st,9th	264·6	255·2	15th	267·3	267·9	+ 0·9	36	-22
424a	Sable Island (Main Station)	43 57	60 6	7·6	1012·4	1013·3	..	278·3	285·8	1st	272·9	266·9	16th,17th	275·6	275·8	+ 0·8	161	+25
425	Port aux Basques	47 35	59 10	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	940·6	1019·7	- 2·1	283·4	290·7	12th	276·9	270·3	24th	280·2	279·6	+ 2·0	29	-12
436	Nantes	47 15	W. 1 34	36·5	1009·7	1014·2	- 2·7	281·9	286·5	11th	277·4	272·0	18th	279·7	279·6	+ 1·3	127	+32
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1009·1	1015·4	- 1·5	279·4	284·4	27th	274·7	270·2	18th	277·0	277·0	+ 0·6	39	- 3
438	Marseille	43 18	5 23	75	..	1014·1	- 1·6	281·4	293·7	1st	277·3	269·1	25th	279·3	280·6	0·0	44	- 9
438a	Zürich	47 23	8 33	493	957·8	1018·0	- 1·7	276·9	284·3	31st	272·3	267·7	21st	274·6	274·4	+ 1·4	47	-29
439	Rome	41 54	12 29	45·5	1008·0	1013·3	- 2·5	285·2	291·3	1st	278·4	274·0	13th	281·9	281·5	+ 0·5	140	+42
440	Vienna	48 15	16 22	203	994·0	1019·4	+ 0·6	274·7	283·6	1st	272·1	266·5	20th	273·4	273·4	+ 0·2	63	+16
440a	Budapest	47 31	19 1	130	1003·2	1019·6	+ 0·8	276·3	285·0	1st	272·8	265·0	24th	274·5	274·4	+ 1·1	90	+36
441	Sofia	42 42	23 20	550	953·3	1020·5	- 0·8	276·6	288·5	1st	272·3	268·3	27th	274·5	274·2	+ 1·1	65	+32
442	Bucharest	44 25	26 6	82	1011·5	1021·9	+ 0·9	276·5	287·7	1st	272·1	265·0	29th	274·3	274·0	+ 1·6	86	+46
443	Odessa (Observatory)	46 26	30 46	42·8	1017·7	1023·2	+ 3·1	275·9	283·4	17th	270·6	257·1	29th	273·3	273·0	0·0	94	+64
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1016·7	1021·3	+ 2·0	..	..	..	..	..	...	..	277·4	- 0·7	57	-35
445	Tiflis	41 43	44 48	404	975·4	1024·7	+ 1·4	279·6	284·2	6th	273·2	267·8	24th	276·4	276·3	+ 0·5	38	+16
446	Astrakhan	46 21	48 2	-20	1030·2	1027·7	+ 3·9	..	..	..	..	..	..	..	265·9	- 4·1	18	+ 4
447	Fort Alexandrovsk	44 31	50 7	-23·0	1028·3	1025·4	+ 3·2	..	..	..	..	..	..	..	270·4	- 2·3	6	- 7
448	Krasnovodsk	40 0	52 59	-4·6	1025·5	1024·9	+ 2·7	..	..	..	..	..	..	..	276·8	- 2·4	21	+ 7
449	Kasalinsk	45 46	62 8	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
450	Tashkent	41 20	69 18	479	969·2	1029·0	+ 3·0	276·1	286·3	14th	266·8	243·5	20th	271·4	271·1	- 4·4	71	+34
451	Andijan	40 47	72 23	503	968·3	1031·4	..	275·1	285·0	2nd	266·3	247·7	21st	270·7	270·4	..	52	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	264·9	..	40	..
461	Moukden	41 46	123 24	44·3	1021·3	1027·1	+ 0·3	269·8	276·2	17th	259·4	249·8	3rd	264·6	264·5	+ 1·7	0	- 9
462	Joshin	40 40	129 12	31·9	1019·1	1023·2	+ 2·2	275·8	282·2	11th	266·4	259·5	31st	271·1	270·8	+ 1·2	5	-25
463	Yuki	42 20	130 24	63·8	1015·3	1023·6	+ 2·1	271·2	278·1	8th	263·3	257·2	31st	267·3	267·2	+ 0·7	0	-12
464	Vladivostok	43 7	131 54	128	?1009·9	?1016·8	- 4·7	..	..	..	..	..	..	..	263·1	- 0·1	6	- 7
465	Ochiai	47 20	142 47	27·4	1009·3	1012·9	+ 1·4	267·6	276·1	11th	256·9	247·3	29th	262·3	262·6	- 1·1	29	-27
466	Nemuro	43 20	145 35	26·7	1010·5	1013·9	+ 2·8	274·0	280·6	12th	266·9	263·0	24th	270·5	270·7	- 0·8	30	-28
466a	Syana	45 14	147 53	39·3	1006·2	1011·2	+ 2·4	272·5	279·2	12th	267·5	257·3	30th,31st	270·0	270·3	- 0·4	83	-25
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

DECEMBER - ZONE 5 (AMERICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Temperature: Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation: Total	Precipitation: Diff. from Normal
		N.	W.															
508	35°-30°N. 145°-140°W.	††31 58	††141 53	§ (26)	..	1022·0	- 1·0	..	..	Sea Temp. 291·9 +0·6	..	..	..	..	291·3	+ 2·8	..	..
511	San Francisco	37 48	122 26	47·2	1016·0	1021·7	+ 1·6	287·3	290·2	16th	281·0	276·9	24th	284·2	284·0	+ 0·9	25	-91
512	Sacramento	38 35	121 30	21·0	1019·8	1022·3	+ 1·9	286·7	290·8	2nd	274·9	269·7	28th	280·8	281·4	- 0·1	14	-82
513	San Diego	32 43	117 10	26·5	1015·3	1018·6	+ 0·6	292·4	297·4	14th	281·4	278·0	22nd	286·9	286·7	+ 0·8	0	-46
514	Modena	37 48	113 54	1668	838·1	1026·7	+ 3·2	273·3	283·0	13th	260·0	253·0	22nd	266·7	266·2	- 3·8	0	-16
515	Santa Fé	35 41	105 57	2138	787·9	1023·3	+ 1·4	276·9	283·0	12th	264·4	258·0	22nd	270·7	270·0	- 1·2	2	-17
516	Denver	39 45	105 0	1613	839·1	1023·0	+ 2·9	279·4	289·1	8th	266·8	260·2	19th	273·1	272·6	+ 0·3	16	- 2
517	Abilene	32 23	99 40	530	959·5	1022·7	+ 2·1	284·7	292·4	10th	273·4	264·1	22nd	279·1	278·2	- 1·4	62	+32
518	Saint Louis	38 38	90 12	173	999·5	1020·6	+ 0·7	278·9	291·3	9th	271·4	265·2	30th	275·1	274·9	+ 0·1	23	-41
519	Mobile	30 41	88 2	17·4	1018·8	1021·0	+ 0·2	286·8	294·1	5th	278·6	271·9	23rd	282·7	282·7	- 1·5	79	-45
520	Nashville	36 10	86 47	166	1001·5	1022·0	+ 0·6	280·3	289·7	9th	272·7	266·3	24th	276·5	276·6	- 1·6	53	-47
521	Charleston	32 47	79 56	14·6	1017·8	1019·3	- 1·2	285·2	294·7	6th	277·7	271·3	18th	281·4	281·8	- 2·2	52	-21
522	Washington	38 54	77 3	34·1	1015·3	1019·6	- 0·6	278·6	286·3	1st	271·5	263·6	16th	275·1	274·9	- 0·3	52	-30
524	Bermuda	32 17	64 46	38·1	1011·3	1016·7	..	294·1	296·9	1,11,23	288·8	284·7	31st	291·5	291·3	0·0	308	+188
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
§ Number of observations.
†Estimates not based on at least six equally spaced observa ions each day are in italics.
øChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

DECEMBER - ZONE 5 (EUROPE, AFRICA, ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean	Diff. from Normal	Precipitation Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1021·6	1026·3	+ 6·7	291·3	294·1	10th	287·6	283·4	1st	289·4	289·5	+ 1·0	72	[illegible]
531	Horta	38 32	28 38	65	1019·0	1026·8	+ 6·5	291·2	293·4	19th	286·5	282·5	4th	288·9	288·7	+ 0·1	42	[illegible]
532	Ponta Delgada	37 44	25 40	22	1024·0	1026·6	+ 5·5	290·0	292·2	31st	286·3	283·3	3rd	288·2	288·3	- 0·2	..	[illegible]
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	53	[illegible]
533	Madeira (Funchal)	32 38	16 55	25	1018·8	1021·8	+ 0·2	293·1	295·0	29th	286·6	285·3	4th	289·9	289·9	+ 0·7	81	[illegible]
535	Lisbon	38 43	9 9	95	1009·2	1020·7	+ 0·8	287·7	290·6	4th	283·2	278·0	23rd	285·5	285·4	+ 1·5	39	[illegible]
535a	øMelilla	35 17	2 59	40	1013·8	1018·6	- 2·3	290·2	293·6	2nd	284·9	280·4	22nd	287·6	287·3	+ 1·4	40	[illegible]
536	Gibraltar	36 6	5 21	27·4	..	1019·6	- 0·7	290·0	292·4	12,27,30	283·4	279·1	23rd	286·7	286·6	+ 0·4	75	[illegible]
536a	Colomb-Béchar	31 37	W. 2 13	769	932·7	1022·3	+ 0·5	289·8	297·2	13th	278·1	272·9	25th	284·0	282·8	+ 1·8	35	[illegible]
537	Palma	39 34	E. 2 39	23	1012·0	1014·8	- 3·4	..	..	..	..	..	..	..	..	..	38	[illegible]
538	Algiers (University)	36 46	3 13	59	1008·8	1015·9	- 2·5	289·7	295·5	1st	285·0	280·3	23rd	287·3	287·2	+ 1·6	325	[illegible]
538a	Gadames	30 8	9 30	351	..	..	..	294·4	301·4	1st	278·7	274·5	21st	286·5	..	+ 1·4	4	[illegible]
539	Tunis	36 48	10 10	66	1005·6	1013·5	- 2·8	289·1	294·5	1st	282·1	276·6	27th	285·6	285·3	+ 1·0	86	[illegible]
540	Malta	35 54	14 31	71·2	..	1013·7	- 2·2	289·9	294·1	3rd	285·4	281·9	17th	287·7	287·2	+ 0·3	161	[illegible]
541	Athens	37 58	23 43	107	1003·1	1016·0	- 1·1	289·2	295·9	1st	282·2	277·7	31st	285·7	285·7	+ 2·2	72	[illegible]
542	Alexandria	31 12	29 53	32·0	1013·2	1017·0	- 0·9	295·5	299·1	6th	287·6	283·6	30th	291·6	291·2	+ 2·1	37	[illegible]
543	Ankara (Angora)	39 58	32 48	861	919·2	1020·3	- 0·9	281·1	287·3	17th	272·7	265·7	23rd	276·9	276·7	..	31	[illegible]
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1017·5	+ 0·1	291·2	294·7	3rd	282·1	278·6	21st	286·7	..	+ 1·8	125	[illegible]
544	Beirut	33 54	35 28	33·7	..	1016·6	- 1·1	292·5	295·8	13th	287·4	284·3	15th	289·9	289·8	+ 1·5	188	[illegible]
545	Hinaidi	33 17	44 29	32·9	1016·0	1019·9	- 0·1	290·9	294·4	30th	278·9	273·6	3rd	284·9	285·0	+ 1·0	41	[illegible]
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
547	Tehran	35 41	51 25	1220	877·4	1017·2	..	282·7	288·1	31st	273·8	271·9	2,22,23	278·3	277·8	- 0·2	38	[illegible]
548	Meshed	36 17	59 36	946	..	..	..	282·4	292·8	31st	..	..	..	..	..	..	17	[illegible]
549	Seistan	31 2	61 30	?610	964·5	..	..	289·2	292·3	2nd,5th	275·0	267·7	23rd	282·1	..	+ 0·5	3	[illegible]
550	Quetta	30 10	67 1	1647	839·7	..	+ 0·8	286·6	292·4	3rd	268·7	265·2	22nd,26th	277·7	277·2	- 1·0	5	[illegible]
551	Peshawar	34 1	71 35	355	978·3	1017·9	- 0·5	294·1	298·6	1st	277·1	272·4	22nd	285·6	284·4	+ 0·9	11	[illegible]
551a	Lahore	31 35	74 20	214	993·2	1019·4	- 0·2	295·8	299·1	1,2,6	277·4	273·0	23rd	286·6	285·4	- 0·2	0	[illegible]
552	Simla	31 6	77 10	2202	783·0	..	+ 0·2	284·9	291·3	25th	277·7	271·3	30th	281·3	280·8	+ 0·6	32	[illegible]
552a	Leh	34 9	77 34	3503	667·8	..	+ 1·1	..	..	..	263·0	258·6	23rd	..	..	..	0	[illegible]
558	Sian	34 31	109 5	365	980·9	1026·1	..	279·9	291·5	6th	270·0	266·5	25th,26th	274·9	275·8	..	0	[illegible]
559	Hankow	30 35	114 17	39·1	..	1027·8	- 0·3	284·6	291·5	18th	276·6	272·5	23rd	280·6	280·6	+ 1·6	23	[illegible]
560	Tientsin	39 9	117 9	6·4	..	1027·8	- 0·4	276·4	280·6	27th	267·8	263·4	25th	272·1	272·1	+ 1·3	3	[illegible]
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1025·5	1026·3	+ 0·4	284·7	289·8	11th	276·2	269·0	25th	280·4	279·9	+ 1·3	57	[illegible]
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1017·2	1026·2	+ 1·5	277·2	283·6	8th	269·3	262·7	31st	273·2	272·7	+ 0·6	5	[illegible]
562a	Nagasaki	32 44	129 52	133	1006·7	1023·0	+ 1·0	284·9	292·7	19th	278·1	273·4	4th	281·5	281·3	+ 0·6	45	[illegible]
563	Kyoto	35 1	135 44	42·9	1016·2	1021·5	+ 2·0	284·4	292·3	19th	274·1	268·9	26th	279·3	278·3	+ 0·9	36	[illegible]
564	Tokyo	35 41	139 46	5·8	1018·2	1018·9	+ 2·5	283·1	289·2	13th	274·0	269·6	26th	278·5	278·2	0·0	71	[illegible]
565	Hukusima	37 45	140 28	68·5	1010·7	1019·3	+ 2·8	280·9	288·6	19th	271·7	267·6	24th	276·3	275·9	- 0·1	44	[illegible]
566	Miyako	39 38 N.	141 59 E.	30·4	1013·8	1017·6	+ 3·0	281·1	288·4	9th	269·8	264·1	23rd	275·5	274·4	- 0·8	5	[illegible]

DECEMBER - ZONE 6 (AMERICA, AFRICA). BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean	Diff. from Normal	Total	Diff. from Normal
		N.	W.															
601	øMidway Island	28 13	177 22	5·8	1018·9	1019·6	..	..	..	..	288·1	283·6	29th	..	..	..	20	[illegible]
605	Honolulu	21 19	157 52	11·6	1017·1	1018·6	+ 2·4	298·7	300·8	14th	294·1	291·9	28th	296·4	296·2	+ 1·0	23	[illegible]
613	Guaymas	27 55	110 53	8·3	1015·5	1016·5	..	296·5	301·8	13th,14th	286·6	282·5	26th	291·5	292·0	+ 0·1	18	[illegible]
615	Leon	21 7	101 41	1809	821·2	1013·6	- 1·3	295·5	298·7	11th,12th	281·0	275·9	24th	288·3	287·1	+ 0·1	11	[illegible]
616	Monterry	25 40	100 18	528	959·0	1020·9	+ 2·8	289·7	298·2	4th	281·5	275·4	23rd	285·6	285·8	- 2·0	10	[illegible]
617	Tulancingo	20 5	98 22	2181	790·3	..	- 0·1	293·4	297·4	27th	278·7	274·0	24th	286·1	284·7	- 0·3	0	[illegible]
618	Galveston	29 18	94 50	16·5	1020·3	1022·3	+ 2·2	287·4	293·6	11th	281·8	275·8	23rd	284·6	284·6	- 2·0	83	[illegible]
618a	New Orleans	29 57	90 4	16·2	1019·3	1021·3	+ 1·0	288·0	296·3	11th	280·9	275·2	17th	284·4	284·4	- 1·4	46	[illegible]
619	Merida, Yucatan	20 58	89 38	22	1014·7	1017·3	- 0·1	299·0	301·8	21st	291·8	287·8	25th	295·4	294·5	- 1·0	37	[illegible]
620	Havana	23 7	82 25	77·0	1007·8	1016·8	- 1·3	297·8	302·0	22nd	290·6	285·6	10th,31st	294·2	294·1	..	40	[illegible]
620a	Kew West	24 33	81 48	6·7	1017·1	1017·9	- 0·8	295·4	300·2	19th	289·7	283·0	24th	292·6	292·0	- 1·6	108	[illegible]
621	Nassau, Bahamas	25 5	77 20	9·6	..	..	..	299·2	301·3	2,19,21	291·8	288·0	11th	295·5	295·4	- 0·1	8	[illegible]
622	San Salvador (Watling Island)	24 6	74 26	33·5	1013·2	1017·1	- 1·7	..	301·3	23rd	..	293·6	9th	..	297·5	- 0·2	..	[illegible]
633	Port Etienne	20 56	17 3	4	1018·3	1018·8	..	297·6	302·6	20th	285·9	283·3	19th	291·7	292·5	..	0	[illegible]
634m	øIzaña	28 19	16 30	2367	767·7	..	- 1·0	279·2	284·0	16th	273·9	269·5	23rd	276·6	276·4	- 0·9	75	[illegible]
634	La Laguna	28 28	16 20	547	953·8	1017·9	- 2·9	289·1	291·6	6th	281·7	277·4	24th	285·4	284·8	- 0·9	217	[illegible]
636	Adrar	27 52	W. 0 17	?285	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	863·7	1010·3	..	296·7	301·0	6th	281·6	274·8	19th	289·1	288·6	..	0	[illegible]
639	Sebha	27 1	14 27	424	..	..	..	295·0	300·9	11th	282·2	276·4	27th	288·6	..	..	0	[illegible]
640	Hon	29 8	15 56	263	..	..	..	294·5	300·8	8th	279·0	274·0	23rd	286·7	..	..	0	[illegible]
641	Giarabub	29 45	24 31	49	..	..	..	296·6	300·0	2nd	281·7	279·5	23rd	289·1	..	..	35	[illegible]
642	Siwa	29 12	25 29	-23	1018·6	..	..	..	..	..	..	..	..	..	..	..	35	[illegible]
643	Cairo (Helwan)	29 52	31 20	116	1003·0	1016·7	- 2·0	295·9	300·4	27th	285·9	283·0	30th	290·9	290·4	+ 2·8	11	[illegible]
643a	Aswan	24 2	32 53	100	1003·5	1015·1	- 1·9	301·9	308·4	27th	286·8	282·0	3rd,4th	294·4	293·4	+ 3·6	..	[illegible]
644	Tor	28 14	33 37	1·9	1015·4	1015·6	- 1·1	297·2	302·0	29th	285·7	280·0	2nd	291·4	291·0	+ 2·3	7	[illegible]
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	

*For formulae employed see Table of Authorities, Remarks, pages 105–15.

†Estimates not based on at least six equally spaced observations each day are in italics.

øChange of normals, see Table of Authorities, pages 105–15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

DECEMBER - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean	Diff. from Normal	Precipitation Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1019·8	1020·4	..	293·3	299·6	31st	284·9	282·0	9th	289·1	288·7	- 0·3	40	-35
648	Jask	25 45	57 45	4·0	1017·9	1018·5	..	298·5	300·1	28th	290·8	288·3	22nd	294·7	294·3	+ 0·5	28	0
649	Karachi	24 48	66 59	4·0	1017·9	1018·4	- 0·1	299·4	303·6	6th	288·7	285·8	23,30,31	294·1	293·7	+ 0·7	0	- 4
650	Jacobabad	28 17	68 29	56·7	1012·3	1019·0	- 0·2	299·0	302·4	4 days	279·6	275·8	26th,27th	289·3	288·5	+ 0·5	0	- 3
651	Jaipur	26 55	75 50	436	968·9	1020·3	+ 0·6	299·0	301·3	5 days	281·3	276·9	25th	290·2	289·0	- 0·4	0	- 5
652	Nagpur	21 9	79 7	310	982·1	1018·3	+ 0·4	302·3	305·8	8th	285·5	280·2	23rd,24th	293·9	293·5	+ 0·8	1	-12
653	Allahabad	25 26	81 50	94·2	1007·0	1018·4	- 0·3	297·8	300·8	6th	280·9	276·9	24th	289·3	288·2	- 0·2	17	+11
653a	Darjeeling	27 3	88 16	2265	776·0	..	- 1·6	283·3	287·4	25th	276·6	274·1	9,12,30	279·9	279·4	+ 0·8	13	+ 7
654	Calcutta	22 32	88 20	6·4	1016·6	1017·4	+ 0·1	298·3	300·2	8th	286·1	283·6	12th	292·2	291·7	+ 0·2	0	- 5
655	Gauhati	26 11	91 45	59·7	1011·1	1018·2	- 0·1	296·6	299·1	4th	285·3	283·6	5 days	290·9	290·3	+ 0·3	0	- 4
655m	Cherrapunji	25 15	91 44	1313	871·0	..	- 0·1	289·5	293·0	31st	281·8	278·6	9th	285·7	285·1	+ 0·1	0	- 8
655a	Akyab	20 8	92 55	6·1	1014·7	1015·4	+ 0·1	299·7	303·0	25th	288·7	284·1	10th	294·2	293·5	- 1·0	0	-19
656	Mandalay	21 59	96 6	76·2	1008·1	1017·0	+ 0·2	302·4	303·6	26th,27th	288·1	285·2	12th	295·2	294·5	+ 0·4	0	-10
656a	Tengyueh	25 0	98 40	1634	837·9	1017·5	..	290·6	294·1	22nd	274·5	271·9	26th,28th	282·5	281·6	- 0·2	..	..
657	Phu Lien	20 48	106 38	116	..	1018·9	- 0·2	293·9	301·3	21st	288·6	284·1	2nd,24th	291·3	290·8	- 0·3	86	+57
658	Moncay	21 31	107 58	9·0	..	1018·9	- 0·5	293·8	301·9	21st	287·1	283·0	24th	290·5	289·7	0·0	89	+48
659	Hongkong	22 18	114 10	33·2	..	1019·3	- 0·4	293·1	297·8	29th	288·9	282·4	24th	291·0	290·8	+ 0·7	23	- 3
660	Amoy	24 26	118 4	4·9	1020·6	1021·2	- 1·0	292·4	297·4	12th	286·7	281·9	23rd,25th	289·5	289·2	- 0·4	8	-24
661	Taihoku, Formosa	25 2	121 31	9·3	1020·1	1021·2	+ 0·3	294·0	302·9	20th	287·5	282·6	25th	290·7	290·2	+ 0·4	67	- 7
661a	Basco	20 28	121 59	18·7	..	1015·4	+ 0·3	298·8	301·5	20th	294·9	291·4	25th	296·9	296·6	+ 0·7	255	-76
662	Naha	26 12	127 39	29·5	1016·7	1020·2	+ 0·2	294·2	298·2	19th	289·0	284·5	26th	291·6	291·6	+ 1·1	100	- 5
665	Titizima (Bonin Islands)	27 5 N.	142 11 E.	4·1	1017·9	1018·4	+ 1·0	296·5	299·1	2nd	290·1	285·5	18th	293·3	293·1	+ 0·7	167	+36

BETWEEN LATITUDE 20° N. AND 10° N.

DECEMBER - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean	Diff. from Normal	Total	Diff. from Normal
		N.	W.															
715	Colima	19 12	103 45	498	957·6	1013·6	+ 0·5	303·7	306·5	26th	289·7	287·9	31st	296·7	295·5	- 0·6	0	-44
716	Morelia	19 42	101 7	1923	810·3	1013·0	- 1·0	293·6	296·3	22nd	281·7	279·4	24th	287·7	287·3	+ 0·6	4	-16
717	Mexico, Tacubaya	19 24	99 12	2309	775·3	..	- 0·2	293·6	296·6	21st	277·4	274·5	24th,27th	285·5	285·0	- 0·2	0	- 9
718	Salina Cruz	16 12	95 12	56	1005·7	1012·2	- 1·2	301·9	304·6	5th	293·6	289·8	31st	297·7	298·0	- 0·3	0	- 2
719	San Salvador	13 42	89 13	682	937·5	1013·1	+ 0·2	308·4	310·4	20,22,26	289·5	285·0	11th	298·9	296·0	+ 0·6	11	- 2
720	Belize	17 31	88 11	5·2	1016·3	1016·9	+ 0·8	299·6	301·6	20th	292·5	288·0	24th	296·1	295·6	- 0·7	150	-40
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·0	- 0·3	303·8	306·8	1st	294·5	292·2	7th	299·2	298·8	+ 0·8	34	-16
722	Port au Prince	18 33	72 20	37·4	1009·9	1014·2	- 0·7	303·1	305·7	20th	294·4	291·9	28th	298·7	298·5	+ 0·6	47	+15
723	Caracas	10 30	66 56	1043	898·7	1013·3	..	298·1	300·2	7th	287·7	285·0	24th	292·9	291·8	+ 0·3	40	- 5
724	San Juan, Porto Rico	18 29	66 7	25·0	1011·8	1014·5	- 1·1	300·9	301·9	6th	295·3	294·7	6th	298·1	297·9	+ 0·5	136	-20
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·1	1013·4	+ 1·0	303·3	304·7	6th	295·7	294·7	14th,30th	299·5	298·9	+ 0·8	116	-67
725	Barbados	13 8	59 36	57·9	..	1012·8	- 0·4	301·1	303·3	2nd	294·5	293·0	26th	297·8	297·6	- 0·5	53	-51
731	São Vicente, C. Verde Is.	16 54	25 4	11	1014·0	1015·3	+ 0·7	297·5	299·0	2,3,4	294·8	294·0	9,18,31	296·2	296·2	+ 0·5	0	- 7
732	San Tiago, C. Verde Is.	14 54	23 31	34	1011·1	1015·0	+ 0·4	298·7	300·6	19th	295·2	294·8	11th,14th	297·0	296·8	- 0·5	0	- 7
733	Dakar	14 40	17 26	32	..	1012·7	..	299·4	304·6	22nd	291·9	290·3	28th	295·6	295·4	- 0·3	0	- 7
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	301·7	305·8	4th	291·9	288·6	21st	296·8	296·8	- 0·3	0	..
735	Niénébalé	12 57	7 26	300	..	..	..	304·5	309·0	1st	287·7	284·4	29th	296·1	295·4	..	4	..
736	Kabara	16 45	W. 3 1	273	..	..	..	301·5	308·0	10th	289·6	284·0	28th	295·5	295·2	..	0	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	308·2	211·3	21st	289·8	286·3	31st	299·0	298·6	+ 1·7	0	0
738	Kaduna Capital	10 32	7 25	?637	..	..	..	306·1	310·2	25th	..	..	..	..	‡298·3	+ 2·5	0	0
739	Hadeija	12 40	10 5	?	..	..	..	305·6	310·2	24th	287·2	283·6	30th,31st	296·4	295·9	+ 1·5	0	0
740	Maiduguri	11 47	13 11	361	..	..	..	308·3	312·4	21st,22nd	..	..	..	..	‡298·8	+ 1·2	0	0
741	‡El Fasher	13 32	25 18	730	928·0	1009·8	..	306·9	311·0	27th	282·1	276·0	9th	294·5	293·0	+ 0·4	0	0
743	El Obeid	13 11	30 14	563	947·6	1011·5	0·0	306·0	312·5	23rd	284·6	280·6	4th	295·3	295·1	+ 1·3	0	0
743a	Khartoum	15 37	32 33	390	967·1	1011·0	- 1·1	306·2	313·2	28th	290·2	283·4	2nd	298·2	298·3	+ 1·5	0	0
744	Port Sudan	19 37	37 13	5·5	1013·1	1013·8	- 0·4	302·9	304·2	25th,26th	294·9	290·4	11th	298·9	298·7	+ 1·2	0	-30
745	Berbera, Somaliland	10 26	45 2	13·8	1014·0	1015·5	+ 0·3	301·8	303·0	12th,13th	295·3	293·0	21,23,27	298·6	298·5	+ 0·4	2	0
746	Aden	12 49	45 2	29·9	1013·6	1017·0	+ 0·9	302·0	303·6	1st	296·1	292·4	31st	299·1	298·7	+ 1·0	0	- 3
751	Bombay	18 54	72 49	11·3	1014·0	1015·3	+ 0·1	304·1	307·4	4th	294·0	291·3	30th	299·1	298·2	+ 0·9	0	- 1
752	Kodaikanal	10 14	77 28	2343	773·1	..	+ 1·3	290·6	294·7	16th,17th	282·1	276·9	21st	286·3	286·0	+ 0·7	107	- 5
752a	Bangalore	12 58	77 35	921	913·8	1015·5	+ 0·9	299·9	302·4	9th	288·8	284·7	16th	294·3	293·9	+ 1·2	20	+ 8
753	Madras	13 4	80 15	6·7	1014·2	1015·0	+ 0·1	301·3	302·4	27,28,30	294·4	290·8	18th,19th	297·9	297·6	+ 0·3	121	-27
754	Vizagapatam	17 42	83 18	38·4	1012·5	1016·8	+ 0·5	299·8	300·8	4 days	292·7	289·1	14th	296·3	295·9	- 0·1	0	-19
755	Port Blair	11 40	92 43	18·0	1011·1	1013·1	+ 0·3	302·1	303·0	4 days	297·5	295·2	8,9,11	299·8	299·4	- 0·3	202	+26
756	Rangoon	16 46	96 11	5·5	1014·0	1014·6	- 0·2	306·2	308·0	16th,23rd	293·7	291·3	6th,9th	299·9	299·0	+ 1·8	5	- 4
757	Cap St. Jacques	10 20	107 45	180	..	1011·9	..	301·0	303·1	8th,28th	295·8	294·2	13th	298·4	298·0	+ 0·6	6	-23
758	Nhatrang	12 15	109 12	3·6	..	1012·7	..	300·5	304·3	1st	295·5	293·5	12th	298·0	297·6	+ 0·5	527	+316
759	Bolinao	16 23	119 53	2	..	1011·2	+ 1·3	303·9	305·8	30th	295·3	291·0	11th	299·6	299·5	+ 0·3	0	-11
761	Vigan	17 34	120 23	12·2	..	1011·3	+ 0·4	304·0	306·5	4th	295·5	293·3	10th	299·7	299·0	- 0·1	1	- 8
761a	Manila	14 35	120 59	14·2	..	1011·8	+ 0·7	304·0	305·7	28th	294·8	292·6	21st	299·4	298·5	+ 0·5	51	-10
762	Ormoc	11 0	124 36	5·6	..	1009·4	+ 0·8	303·8	305·2	31st	295·5	294·0	30th	299·7	299·0	+ 0·3	222	+26
765	øGuam, Ladrone Is.	13 24	144 38	18·6	..	1010·0	+ 1·2	302·0	303·2	11th	297·6	296·0	19th	299·8	299·9	+ 0·1	114	- 8
766	Saipan	15 14	145 46	207	989·0	1009·2	..	300·1	300·9	6,7,13	295·9	294·8	26th,29th	298·0	297·9	..	144	..
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105–15.
‡ See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
øChange of normals, see Table of Authorities, pages 105–15.

DECEMBER - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation: Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	øFanning Island	3 54	159 23	5·3	..	..	..	304·3	305·8	8,15,16	298·1	296·3	4,6,31	301·2	300·8	+ 0·4	563	[illegible]
821	Cristobal	9 23	79 54	11·0	..	1010·1	- 0·7	303·2	304·1	3rd	298·8	296·9	1st	301·0	300·6	+ 1·4	200	[illegible]
822	Bogota	4 36	74 5	2645	746·4	..	+ 0·9	293·2	295·2	20th	281·8	278·8	22nd	287·5	286·9	+ 0·3	44	[illegible]
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
823	Ciudad Bolivar	8 9	63 33	38	1006·3	1010·6	- 0·2	305·0	306·5	8th	296·3	293·9	26th	300·7	300·1	+ 1·0	8	[illegible]
824	El Peru, Guayanavieja	7 19	61 49	220	983·7	1008·5	- 1·2	304·3	305·2	1,9,16	295·6	292·4	24th	299·9	299·3	+ 2·2	25	[illegible]
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1010·9	- 0·7	303·1	305·2	7th	297·7	296·3	12,21,29	300·4	299·9	+ 0·9	193	[illegible]
826	Paramaribo	5 49	55 9	3·7	1010·6	1011·0	- 1·1	304·9	307·2	6th	295·9	294·5	28th	300·4	300·6	+ 1·3	182	[illegible]
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	98	[illegible]
831	10°-5°N. 30°-25°W.	†† 7 3	†† 27 5	§ (40-63)	..	1011·9	+ 0·1	..	..	Sea Temp. 299·7 | +0·3	..	..	..	..	..	..	..	[illegible]
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	299·5	+ 0·3	..	[illegible]
834	Freetown, Sierra Leone	8 29	13 14	55·0	1003·9	1010·1	+ 0·9	303·7	304·7	25th,28th	296·0	293·6	10th	299·9	299·2	- 0·5	3	[illegible]
835	Assuantsi	5 18	1 15	97·3	999·4	1010·5	..	303·5	304·7	6,8,11	294·9	293·0	11th	299·2	298·6	+ 0·6	43	[illegible]
836	Accra	5 33	W. 0 12	17·7	1008·1	1010·1	- 0·1	305·0	307·4	20th	298·2	296·1	23rd	301·6	301·1	+ 1·5	33	[illegible]
837	Lagos	6 27	E. 3 24	3·0	1008·0	1008·3	- 1·7	304·7	305·8	4,17,26	298·0	295·2	21st	301·3	300·7	+ 0·6	43	[illegible]
838	Victoria, Nigeria	4 1	9 12	15·5	1010·0	1011·7	..	308·2	310·2	sev.dates	294·3	293·0	19th	301·3	300·3	..	75	[illegible]
839	Yola	9 12	12 30	259	..	..	..	309·6	311·9	19th,26th	293·5	289·7	5th,12th	301·6	301·1	+ 2·3	0	[illegible]
841	øWau	7 42	28 3	440	960·2	1009·1	+ 0·2	310·7	313·0	26,27,28	291·6	289·0	2nd,13th	301·2	299·9	+ 1·8	0	[illegible]
843	Malakal (Kodok)	9 35	31 37	394	964·7	1009·0	+ 0·2	310·5	313·0	24th,27th	292·5	289·8	6th	301·5	300·4	+ 1·8	0	[illegible]
843a	Mongalla	5 11	31 47	448	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
844	Entebbe	0 5	32 29	1171	883·3	1009·4	- 0·2	299·3	300·8	9,25,28	290·5	289·1	sev.dates	294·9	294·2	+ 0·1	55	[illegible]
845	Sheikh	9 55	45 15	1463	..	..	..	292·9	295·2	sev.dates	283·8	279·7	31st	288·4	287·6	..	10	[illegible]
851	Minicoy	8 18	73 0	2·7	1013·3	1013·6	+ 0·9	303·2	304·4	3rd	297·1	295·1	21st	300·1	299·7	..	46	[illegible]
851a	Cochin	9 58	76 14	2·7	1013·9	1014·2	+ 1·3	303·3	305·2	21st	296·4	294·1	11th,21st	299·9	299·5	- 0·2	186	[illegible]
852	Colombo Observatory	6 54	79 52	7·3	..	1011·9	+ 1·7	303·4	304·8	6th,31st	295·5	291·3	21st	299·5	299·1	+ 0·4	7	[illegible]
853	Nuwara Eliya	6 58	80 46	1881	815·1	1014·9	+ 2·1	294·2	296·2	27th	280·0	272·6	20th,21st	287·1	286·3	- 0·3	46	[illegible]
854	Trincomalee	8 35	81 15	30·2	..	1012·1	+ 1·5	300·6	301·8	2nd	297·2	294·9	20th	298·9	298·5	+ 0·4	56	[illegible]
855	Kuta Raja	5 32	95 20	7·1	..	1009·7	- 0·5	..	..	..	..	..	..	..	..	..	113	[illegible]
856	Medan	3 35	98 41	25	..	1010·8	+ 0·4	302·8	304·4	16th	295·7	293·8	22nd	299·3	298·6	+ 0·5	138	[illegible]
857	Penang	5 34	100 20	5·0	..	..	..	304·9	306·3	27th	296·3	295·2	3rd,27th	300·6	300·0	+ 0·5	177	[illegible]
857a	Butterworth	5 25	100 22	2·1	..	1009·4	..	303·3	305·2	16,24,27	296·2	294·1	27th	299·7	299·1	..	193	[illegible]
858	Singapore (Mt.Faber)	1 16	103 49	90·5	999·8	1010·3	+ 0·3	303·2	305·8	24th	296·1	294·7	18th,20th	299·7	298·7	..	188	[illegible]
859	Sandakan	5 50	118 7	31·7	..	..	..	303·4	304·7	18th	296·6	295·8	13,25,28	300·0	300·4	+ 0·2	392	[illegible]
860	Iwahig	9 44	118 38	14·3	..	1008·6	+ 0·5	303·8	?305·8	2nd	295·0	292·8	26th	299·4	299·3	+ 0·5	312	[illegible]
861	Tagbilaran	9 38	123 51	21·3	..	1009·5	+ 0·7	303·4	305·2	20th,31st	296·2	294·9	22nd	299·8	298·9	0·0	198	[illegible]
861a	Menado	1 30	124 50	8·5	..	1009·7	+ 1·3	303·2	304·7	8th	296·7	295·1	24th	299·9	299·5	+ 0·5	664	[illegible]
862	Surigao	9 48	125 29	6·0	..	1009·9	+ 0·9	301·6	304·1	4th	296·9	295·6	30th	299·3	298·9	+ 0·2	736	[illegible]
863	øKolonie, Yap	9 29	138 8	29·3	..	1009·7	+ 1·4	302·4	303·9	31st	297·7	295·0	25th	300·1	299·5	- 0·4	494	[illegible]
864	Palau	7 20	134 29	31·8	1005·8	1009·4	..	302·4	303·7	9th	297·1	295·4	22nd	299·7	299·6	..	385	[illegible]
867	Ponape	6 58 N.	158 13 E.	38·9	1004·3	1008·7	..	302·1	303·2	4th	297·0	295·0	31st	299·5	299·6	..	546	[illegible]

DECEMBER - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
902	Atafu	S. 8 32	W. 172 31	1·8	1006·7	1006·9	..	302·3	304·2	10th,18th	300·5	299·3	20th	301·4	301·1	..	609	[illegible]
920	Lambayeque	6 46	80 55	15	1008·7	1010·4	..	302·2	303·8	24th,26th	292·2	288·2	3rd,4th	297·2	296·2	..	6	[illegible]
921	Quito	0 14	78 30	2816	727·4	..	+ 0·1	294·3	297·0	26th	280·7	277·5	21st	287·5	286·6	+ 0·8	105	[illegible]
923	Senna Madureira	9 4	68 40	135	..	..	..	305·5	309·0	17th,31st	294·3	293·0	12,21,24	299·9	298·4	..	289	[illegible]
923a	São Gabriel do Rio Negro	0 8	67 5	85·0	998·6	1008·6	..	304·8	307·8	18th	296·1	294·9	4th,14th	300·4	299·4	..	275	[illegible]
924	Manaos	3 8	60 1	43·8	..	..	..	304·0	308·4	11th	295·7	294·0	19th	299·8	299·6	+ 0·1	367	[illegible]
926	Taperinha	2 30	54 20	21·5	1007·5	1010·0	0·0	305·7	307·8	10th	296·7	295·4	10th	301·2	300·2	+ 1·2	58	[illegible]
927	Turyassu	1 43	45 26	9·1	1008·8	1010·0	- 0·2	306·1	307·5	17th	296·2	294·4	5th	301·2	300·7	+ 0·7	63	[illegible]
928	Barra do Corda	5 30	45 16	81·0	1001·4	1010·8	..	305·2	307·4	8th,24th	295·5	294·1	30th	300·4	299·0	+ 0·2	259	[illegible]
929	Quixeramobim	5 16	39 15	207	988·4	1011·6	+ 1·0	306·5	307·4	7th	298·8	297·4	9th	302·6	302·4	+ 0·8	5	[illegible]
930	Fernando Noronha	3 50	32 25	106	999·9	1011·8	- 0·1	302·2	303·1	27th	297·8	296·8	1st	300·0	298·9	+ 0·8	9	[illegible]
934	Ascension Island	7 56	W. 14 25	16·8	1011·5	1013·5	0·0	301·6	302·4	sev.dates	..	..	..	..	297·8	+ 0·3	1	[illegible]
939	Loanda	8 49	E. 13 13	59·3	..	1011·1	- 0·1	300·5	301·7	8th	296·2	294·4	2nd	298·3	297·9	0·0	27	[illegible]
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
942	Tshibinda	2 19	28 45	2115	..	..	..	294·3	296·2	..	283·7	281·8	..	289·0	289·8	..	121	[illegible]
943	Masaka	0 20	31 44	1280	..	..	..	300·8	304·7	29th	291·4	289·1	9th	296·1	295·4	..	51	[illegible]
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	821·8	1014·8	..	294·8	296·9	30th	285·4	282·9	8th	290·1	289·4	..	34	[illegible]
944a	Zanzibar	6 10	39 12	17·1	1011·7	1013·6	+ 0·7	303·3	304·2	11th,19th	299·2	296·2	2nd	301·3	300·8	+ 0·2	131	[illegible]
945	Lamu	2 16	40 50	3·0	..	..	..	302·3	303·6	4th,5th	297·1	294·7	22nd	299·7	299·3	- 0·6	8	[illegible]
947	Seychelles, Port Office	4 37	55 27	4·6	1011·6	1012·1	+ 0·5	301·5	303·1	30th,31st	296·0	294·7	17th	298·8	298·1	- 0·4	344	[illegible]
957	Padang	0 56	100 22	6·7	..	1011·8	+ 1·1	302·8	304·6	14th	296·1	294·8	9th	299·5	298·9	- 0·1	681	[illegible]
958	Batavia	6 11	106 50	8·0	1009·1	1010·0	+ 0·5	303·8	306·0	30th	296·6	294·8	30th	300·2	299·8	+ 1·0	63	[illegible]
958a	Pontianak	0 1	109 20	2·6	..	1010·4	+ 0·6	303·7	306·5	24th	297·4	296·8	27th	300·5	299·7	+ 0·7	356	[illegible]
959	Pasuruan	7 38	112 55	5·0	..	1009·1	+ 0·3	304·6	306·3	25th	296·6	294·0	30th	300·6	300·1	+ 0·2	98	[illegible]
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	348	[illegible]
962	Amboina	3 42	128 10	4·2	..	1008·9	+ 0·6	305·4	307·6	28th	298·5	297·6	19th	301·9	301·4	+ 1·5	90	[illegible]
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	292	[illegible]
965	Daru	9 4	143 13	7·6	..	1009·9	+ 1·0	304·4	..	..	298·4	..	..	301·4	301·0	+ 0·7	259	[illegible]
966	Port Moresby	9 29	147 9	38·4	..	1009·3	+ 0·8	304·6	..	..	297·3	..	..	300·9	300·4	- 0·2	54	[illegible]
967	Rabaul	4 9	152 12	12·5	1007·1	1008·5	+ 0·9	305·3	307·3	12th	296·1	294·8	9th	300·7	300·1	0·0	409	[illegible]
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?305·1	?306·0	31st	?297·7	?296·3	29th	?301·4	?301·2	+ 0·3	117	[illegible]
970	Ocean Island	0 52 S.	169 35 E.	42·6	1003·9	1008·8	- 0·2	303·2	306·3	2nd	298·4	297·4	6th,20th	300·8	300·1	- 0·2	348	[illegible]
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105–15.
††Mean latitude and longitude of the observations.
§ Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
øChange of normals, see Table of Authorities, pages 105–15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

DECEMBER - ZONE 10.

No.	Name of Station	Latitude	Longitude	Height	Pressure*: Mean at Level of Station	Pressure*: Mean at M.S.L.	Pressure*: Diff. from Normal	Temperature: Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation: Total	Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1006·8	- 1·3	302·1	303·5	4th	297·6	294·7	31st	299·8	299·7	+ 0·2	449	+96
1003	øAlofi, Niue Island	19 2	169 55	19·8	..	1010·1	- 0·2	301·7	304·1	18th	293·3	289·7	28th	297·5	297·3	- 1·5	445	+210
1021	Lima	12 5	77 3	111	998·7	1011·6	..	299·6	302·0	31st	291·0	288·8	1st	295·3	294·0	..	0	..
1022	Arica	18 28	70 20	5	1011·1	1011·7	..	295·2	296·5	19th,30th	290·3	289·0	1st	292·7	293·2	+ 0·1	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	657·0	..	- 0·3	292·7	297·6	15th	279·5	278·0	1st	286·1	285·2	+ 1·1	39	-52
1025	Corumba	18 59	57 39	116	993·9	1006·8	- 0·6	306·3	310·2	12th	295·3	289·8	1st	300·8	300·1	+ 0·1	139	-29
1026	Cuyaba	15 36	56 6	165	989·4	1007·9	- 0·3	305·5	308·6	30th	295·6	292·4	2nd	300·6	299·7	+ 0·2	83	-122
1027	Bello Horizonte	19 56	43 56	895	913·5	1011·5	+ 0·8	299·0	303·2	7th	290·9	287·8	26th	295·0	294·4	+ 0·2	269	-28
1028	Caetite	14 3	42 37	897	915·1	1013·5	+ 1·1	299·2	303·2	8th	291·1	289·4	22nd	295·2	294·8	- 0·9	137	-27
1029	Ondina (Bahia)	13 0	38 31	46·6	1007·4	1012·7	+ 0·9	301·2	302·5	28th,31st	296·0	295·1	5th	298·6	298·5	- 0·1	108	-11
1030	Aracaju	10 55	37 3	6·1	1012·7	1013·5	+ 0·4	302·0	303·0	8th	296·8	294·7	4th	299·4	299·3	..	41	..
1035	øSt.Helena	15 57	W. 5 40	579	947·1	1014·0	+ 0·4	292·2	293·6	19,22,30	287·2	285·8	1st	289·7	289·4	+ 0·2	19	-15
1039	Mossamedes	15 12	E. 12 9	12·5	1011·4	1012·9	..	..	300·2	30th	..	286·6	10th	..	..	..	6	..
1041	Livingstone	17 51	25 51	972	904·4	1008·7	..	304·8	311·9	6th	292·9	289·7	26th	298·8	..	+ 0·2	256	+95
1041a	øElisabethville	11 39	27 28	1230	875·6	1006·6	- 0·9	301·4	304·8	5th	289·7	288·2	5th,6th	295·6	..	+ 0·7	309	+53
1042	Gwelo	19 26	29 45	1411	..	..	..	299·6	303·0	16th	289·4	285·2	28th	294·5	..	- 0·2	205	+54
1043	Salisbury (Dept.Agric.)	17 48	31 5	1489	853·1	1011·5	+ 0·9	298·4	302·4	5th	289·4	287·4	11th, 13th	293·9	292·8	+ 0·1	305	+150
1044	Zomba	15 23	35 18	955	905·0	1007·4	- 0·6	302·4	307·4	6th,7th	293·0	290·2	27th	297·7	297·0	+ 1·9	116	-160
1045	Mossuril	14 57	40 40	15	..	1012·0	..	307·6	309·5	17th,22nd	297·0	295·1	4th	302·3	301·7	..	81	..
1046	Antananarivo	18 56	47 33	1375	865·1	1012·5	+ 1·3	300·5	302·9	15th,17th	288·2	285·6	3rd	294·3	292·7	- 0·1	117	-174
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1011·1	1011·8	+ 0·5	303·9	305·2	20th	297·9	296·9	11,14,21	300·9	300·5	+ 0·8	37	-79
1057	Christmas Island	10 25	105 43	5·5	1008·7	1009·3	+ 1·6	303·0	305·2	1st,2nd	297·2	296·3	sev.dates	300·1	299·7	- 0·1	173	-33
1061	Kupang	10 10	123 34	45	1003·4	1008·5	- 0·1	304·1	307·3	8th	297·5	296·3	30th	300·8	300·2	+ 0·1	472	+226
1061a	øDerby	17 18	123 40	16·2	1006·4	1008·2	+ 0·7	307·6	313·4	6th	299·1	295·8	14th	303·3	..	- 0·6	282	+169
1062	Hall's Creek	18 13	127 46	373	968·1	1009·3	+ 2·3	306·1	311·4	6th	295·2	291·3	27th	300·7	300·1	- 2·9	219	+129
1063	Darwin	12 28	130 51	29·6	1004·5	1007·9	+ 1·2	306·1	308·5	28th	298·2	295·2	10th	302·1	300·9	- 0·4	129	-124
1064	Daly Waters	16 16	133 23	211	984·2	1007·4	+ 1·5	310·2	314·1	31st	296·4	290·8	29th	303·3	302·7	- 0·8	72	-35
1065	Palmerville	15 56	144 8	210	985·3	1008·5	+ 1·6	307·3	309·9	16th	294·5	289·7	13th	300·9	..	- 0·8	146	-22
1066	Georgetown, Queensland	18 22	143 32	302	976·6	1009·9	+ 1·9	308·6	311·3	31st	294·3	287·4	30th	301·4	..	- 0·5	73	-72
1066a	Willis Island	16 18	149 59	8·5	1009·1	1010·1	+ 1·8	303·4	305·0	22nd,31st	297·7	295·3	1st	300·6	300·6	- 0·1	21	-51
1067	Samarai	10 37	150 40	6·1	..	..	..	..	..	..	297·3	..	..	..	‡301·9	+ 0·7	67	-55
1072	Suva, Fiji	18 8 S.	178 26 E.	6·1	1009·1	1009·8	+ 1·3	301·8	303·6	11th,14th	296·1	294·1	19th,31st	298·9	298·7	- 0·2	178	-140

BETWEEN LATITUDE 20° S. AND 30° S.

DECEMBER - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station	Latitude	Longitude	Height	Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
1105	Rarotonga (Avarua)	S. 21 12	W. 159 46	6·1	..	..	..	302·2	303·6	10,17,24	295·4	290·8	29th	298·8	288·6	+ 0·9	155	-72
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1011·0	1013·8	- 0·7	293·6	296·2	26th	287·6	285·6	13th,22nd	290·6	290·4	+ 0·8	0	0
1122	øAntofagasta	23 42	70 24	94	1002·2	1013·3	- 2·3	295·2	296·9	24th	289·4	287·5	2nd,4th	292·3	292·2	+ 0·1	0	0
1123	Catamarca	28 29	65 47	528	948·4	1006·3	+ 0·3	309·0	316·1	31st	295·2	290·0	1st	302·1	300·2	+ 1·1	65	+ 1
1124	Salta	24 46	65 24	1182	880·4	1006·6	+ 0·9	302·8	309·2	31st	288·8	278·4	2nd	295·8	295·9	+ 1·0	70	-71
1125	Goya	29 9	59 15	37	1005·0	1009·2	+ 0·2	306·4	310·4	20th	293·0	285·1	1st	299·7	299·2	+ 1·4	152	+30
1126	øAsuncion	25 17	57 41	93	999·6	1010·1	+ 1·4	306·6	310·2	30th	295·2	286·6	1st	300·9	300·3	+ 0·5	272	+117
1127	Curityba	25 25	49 17	908	912·5	1013·0	+ 0·6	297·7	304·6	10th	288·6	282·3	5th	293·2	292·0	- 0·4	209	+67
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1010·0	1012·1	+ 0·6	300·1	306·6	22nd	294·5	290·1	4th	297·3	297·4	- 0·2	165	+26
1139	Windhoek	22 34	E. 17 6	1727	829·5	1007·2	..	303·5	305·8	12th	289·8	282·4	1st	296·6	296·4	+ 0·1	25	-21
1140	O'Okiep	29 36	17 52	933	911·6	1015·5	+ 2·1	302·9	310·8	28th	279·7	274·3	1st	291·3	291·1	- 2·9	0	- 4
1141	øKimberley	28 44	24 46	1218	878·6	1007·5	+ 0·6	306·0	309·2	10th	290·5	281·7	1st	298·3	298·2	+ 1·2	31	-23
1141a	Johannesburg	26 11	28 4	1806	823·6	1011·4	+ 0·9	299·6	303·7	12th	287·0	278·9	1st	293·3	292·9	+ 1·7	110	-28
1142	Bulawayo	20 9	28 35	1349	867·5	1011·3	+ 0·2	300·1	304·1	5th,16th	289·9	285·8	28th,29th	295·0	294·5	- 0·1	154	+24
1143	Durban	29 52	31 3	15·2	1011·7	1013·5	- 2·0	300·3	306·6	10th	294·3	287·2	1st	297·3	296·9	+ 1·1	163	+33
1144	Lourenço Marques	25 58	32 36	59·5	..	1013·0	- 0·3	303·6	313·0	16th	295·0	290·1	1st	299·3	298·7	+ 1·1	107	+ 6
1147	Mauritius	20 6	57 33	55·2	1008·7	1015·0	+ 1·0	302·8	304·2	31st	294·6	292·3	10th,19th	298·7	298·4	0·0	65	-55
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105–15.
øSee Table of Authorities, Remarks, pages 105–15.
†Estimates not based on at least six equally spaced observations each day are in italics.
øChange of normals, see Table of Authorities, pages 105–15.

DECEMBER - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Date	Temperature Mean Min. B	Temperature Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.
1159	øOnslow	21 43	114 57	4·3	1006·0	1006·4	- 0·6	307·7	317·1	24th	294·7	290·3	4th	301·2	..	- 0·3	40
1160	øCue	27 27	117 52	454	958·5	1008·2	+ 0·2	308·8	314·0	7th	293·1	285·8	5th	300·9	..	- 0·7	19
1161	Nullagine	21 53	120 5	386	..	..	..	309·7	315·2	7th	295·1	289·7	29th	302·4	..	- 1·9	263
1162	Laverton	28 40	122 23	466	958·0	1009·4	- 0·2	306·7	313·3	8th	292·6	285·2	18th	299·7	299·5	- 0·6	135
1163	Alice Springs	23 38	133 37	587	944·6	1008·8	+ 1·2	304·7	312·4	23rd	293·5	287·4	30th	299·1	299·1	- 1·8	94
1164	William Creek	28 55	136 21	76·2	1002·4	1010·8	+ 0·8	307·6	315·9	23rd	293·3	287·4	26th	300·4	300·0	0·0	68
1164a	Boulia	22 55	139 38	146	991·5	1007·5	+ 1·6	310·6	317·0	22nd	296·1	290·7	28th	303·3	303·3	- 0·5	33
1165	Thargomindah	27 58	143 43	123	996·3	1010·1	+ 2·5	305·3	312·6	15th	294·0	288·1	28th	299·7	299·3	- 1·7	58
1166	Mitchell	26 32	147 52	336	973·8	1011·3	+ 3·2	305·4	310·2	21,22,23	290·6	281·9	29th	298·0	..	- 0·9	21
1167	Rockhampton	23 24	150 30	11·3	1011·2	1012·5	+ 2·2	304·5	309·8	31st	293·6	290·6	28th	299·0	298·3	- 1·0	62
1168	Brisbane	27 28	153 2	41·8	1009·9	1014·3	+ 2·2	302·2	306·4	18th	291·6	287·2	29th	296·9	296·4	- 0·7	49
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1017·0	1018·7	+ 4·6	296·8	300·2	19th	290·7	286·3	3rd	293·8	293·4	- 0·5	29

DECEMBER - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

No.	Name of Station	Latitude	Longitude	Height	Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total
1221	Juan Fernandez	S. 33 37	W. 78 52	6	1014·2	1014·9	- 4·0	293·6	295·7	27th	287·2	284·8	14th	290·4	290·6	+ 0·1	121
1221a	Punta Tumbes	36 37	73 6	120	998·0	1012·3	- 2·9	290·9	294·2	17th	284·9	282·0	1st	287·9	287·6	+ 0·6	109
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1009·0	1013·9	- 0·3	295·2	299·5	22nd	286·8	283·0	15th	291·0	290·6	+ 0·7	0
1222a	Santiago	33 27	70 42	520	953·0	1012·2	- 0·3	299·2	305·6	18th	284·9	282·1	22nd	292·1	291·6	0·0	0
1223	Cordoba	31 25	64 12	423	960·4	1007·9	- 1·0	302·9	309·6	31st	289·4	280·4	1st	296·2	295·8	+ 0·4	123
1224	Bahia Blanca	38 45	62 16	28·7	1006·8	1010·1	- 0·2	303·2	309·0	19th	289·1	279·9	1st	296·2	296·1	+ 1·4	140
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1008·5	1011·4	+ 0·1	300·7	305·7	31st	290·6	279·4	1st	295·6	295·5	+ 0·9	118
1226	øMontevideo (Prado)	34 52	56 12	24·9	1009·5	1012·9	+ 1·2	300·7	307·7	31st	289·7	278·6	2nd	295·2	295·2	+ 1·2	131
1226a	Porto Alegre	30 2	W. 51 13	23·5	1009·3	1012·0	+ 0·4	302·5	309·7	31st	291·8	285·6	2nd	297·1	296·7	+ 0·6	57
1239	Cape Town	33 56	E. 18 29	12·2	1013·1	1014·5	+ 0·5	298·8	309·7	27th	288·1	281·8	17th	293·4	292·1	+ 0·5	12
1240	Danger Point	34 37	19 18	27·7	..	..	..	294·6	298·0	26th,27th	288·5	284·1	1st	291·5	..	+ 0·3	14
1241	Riversdale	34 6	21 16	61·0	..	..	..	301·6	307·6	27th	285·1	279·4	25th	293·3	..	- 0·4	21
1242	East London	33 1	27 54	45·4	1008·7	1014·0	+ 0·5	298·1	301·9	28th	290·3	284·1	1st	294·2	..	+ 0·9	40
1259	Perth (Observatory)	31 57	115 51	60·0	1006·0	1013·0	- 0·4	299·5	311·3	26th	288·8	282·3	26th	294·2	293·9	- 0·4	23
1260	øKatanning	33 42	117 35	310	977·1	1012·5	- 0·7	300·9	312·4	27th	285·4	279·3	5th	293·2	..	- 0·1	33
1261	øCoolgardie	30 57	121 10	423	963·9	1011·0	0·0	304·8	311·0	7th	288·9	283·0	6th	296·8	296·6	- 0·3	89
1262	Eucla	31 45	128 58	4·6	1011·9	1012·5	- 0·5	297·2	314·1	4th	289·8	284·7	7,8,27	293·5	292·9	+ 0·1	17
1263	Streaky Bay	32 48	134 13	13·1	1011·8	1013·3	- 0·3	301·9	310·2	11th	288·7	281·9	27th	295·3	294·5	+ 1·0	2
1264	Adelaide	34 56	138 35	42·7	1008·3	1013·5	+ 0·4	302·8	312·1	12th	289·8	284·0	28th	296·3	295·8	+ 1·6	23
1265	Melbourne	37 49	144 58	35·1	1009·3	1013·5	+ 0·8	296·8	307·1	4th	286·6	282·9	28th	291·7	291·4	+ 0·4	129
1266	Bourke	30 13	145 58	110	1001·3	1013·6	+ 2·2	306·6	314·7	12th,22nd	292·6	285·8	28th	299·6	..	- 1·3	41
1267	Sydney	33 51	151 13	42·1	1007·9	1012·8	+ 1·0	297·6	308·7	23rd	290·6	287·0	28th	294·1	293·5	0·0	135
1268	Lord Howe Island	31 20	159 0	4·9	1015·2	1015·8	+ 1·6	296·9	299·9	22nd	290·4	287·0	8th	293·7	..	- 0·5	154
1271	Auckland	36 51	174 48	13·4	..	1017·6	+ 3·7	296·4	302·2	27th	286·8	279·9	17th	291·6	..	+ 0·9	21
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	294·1	302·2	24th	285·2	278·8	15th	289·7	..	- 1·0	10

DECEMBER - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

No.	Name of Station	Latitude	Longitude	Height	Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total
1301	Chatham Island	S. 43 52	W. 176 42	45·7	..	1009·4	+ 2·8	..	..	..	..	..	..	..	..	..	31
1321	Isla Guafo	43 34	74 45	140	993·5	1010·2	- 4·8	287·3	295·2	26th	282·9	280·1	22nd	285·1	285·0	+ 1·0	173
1322	øPunta Galera	40 1	73 44	40	1007·5	1012·3	- 3·6	289·9	292·0	26th	284·4	279·0	1st	287·1	287·3	+ 1·1	224
1323	Sarmiento	45 33	69 1	272	974·5	1006·1	- 1·2	296·8	305·2	27th	283·7	277·0	23rd	290·2	289·5	+ 0·2	16
1324	Puerto Madryn	42 46	W. 65 2	14	1005·2	1006·9	- 1·5	298·5	306·5	2nd	284·2	276·5	23rd	291·4	292·2	+ 0·8	23
1365	Launceston	41 27	E.147 10	81·1	1003·9	1013·4	+ 4·3	295·5	302·4	4th	284·1	280·2	3rd	289·8	289·0	+ 0·6	118
1366	Hobart	42 53	147 20	53·9	1006·3	1012·7	+ 3·3	293·4	303·8	5th	284·2	280·2	10th	288·8	288·0	+ 0·1	64
1369	Invercargill	46 25	168 21	3·7	..	..	..	290·8	298·0	22nd	281·6	274·7	9th	286·2	..	+ 0·4	69
1370	Alexandra	45 15	169 24	159	..	..	..	295·2	302·6	29th	282·0	274·9	14th	288·6	288·2	..	14
1371	Dunedin	45 52	170 31	6·1	..	1013·5	+ 4·7	290·5	301·6	26th	281·3	276·3	16th	285·9	..	- 0·5	74
1371a	Christchurch	43 32	172 39	7·6	..	1013·5	+ 4·2	292·9	305·2	27th	282·3	277·1	14th	287·6	..	- 1·0	45
1372	Wellington	41 16 S.	174 46 E.	128	..	1015·2	+ 3·5	289·7	296·2	28th	282·9	278·8	20th	286·3	285·6	- 2·4	76

DECEMBER - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

No.	Name of Station	Latitude	Longitude	Height	Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total
1421	øIslota de los Evangelistas	S. 52 24	W. 75 6	55	994·0	1000·7	- 0·9	282·3	286·0	26th	277·8	275·5	8th,15th	280·1	280·2	0·0	222
1422	Magallanes (Punta Arenas)	53 10	70 54	28	997·4	1000·8	+ 1·7	286·7	292·0	27th	278·4	274·7	14th	282·5	282·6	- 0·6	30
1423	Punta Dungeness	52 24	68 26	5	999·6	1000·2	+ 0·4	287·9	293·4	27th	..	..	..	..	‡282·9	..	52
1424	Santa Cruz	50 1	68 31	13	..	..	..	..	..	..	..	..	..	..	..	..	10
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1000·1	+ 0·5	286·2	291·9	3rd	277·1	274·1	15,23,24	281·6	..	+ 0·2	68
1426	Cape Pembroke	51 41	57 42	21·3	997·8	1000·4	+ 0·8	284·8	288·6	5th	277·8	274·1	23rd,24th	281·3	281·7	+ 0·5	..
1429	S.Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	995·7	996·2	+ 1·7	280·4	287·0	12th	273·4	270·9	27th	276·9	276·7	0·0	43

DECEMBER - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

No.	Name of Station	Latitude	Longitude	Height	Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total
1527	South Orkneys	S. 60 43	W. 44 47	7	992·8	993·7	+ 0·2	274·6	278·0	14th	269·9	267·9	23rd	272·2	271·9	- 0·4	50
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
øChange of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, YEAR 1930

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE YEAR, 1930
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

BETWEEN LATITUDE 80° N. AND 70° N. — YEAR - ZONE 1.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Date	Temperature Mean Min. B	Temperature Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 58	178 33	6·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1016·6	+ 0·8	264·7	294·1	Aug.6	258·2	226·9	Mar.11	261·4	..	+ 0·8	114	- 6
125	Upernivik	72 47	56 7	19·2	1007·2	1009·6	- 0·8	270·6	290·9	July 23	265·0	240·5	Feb.23,24	267·8	267·7	+ 3·3	282	+53
131	Myggbukta	73 30	21 30	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	1009·1	1011·2	..	270·3	..	..	263·0	236·7	Dec.26	266·7	267·1	..	..	..
135	Jan Mayen	70 59	W. 8 18	23·1	1004·6	1007·5	- 0·6	..	285·8	Aug.22	271·7	257·2	Mar.18	..	273·8	+ 0·9	420	+10
139	Svalbard Radio (Spitsbergen)	78 13	E.15 38	53·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
140	Björnöen	74 28	19 17	29·2	1004·7	1008·4	+ 0·5	..	291·5	July 8	269·9	250·4	Mar.12	..	272·0	+ 1·1	..	..
141	Ingöy	71 4	24 6	4·3	1007·2	1010·9	+ 3·3	..	295·3	July 9	274·3	264·9	Mar.8	..	276·3	+ 0·5	704	+112
142	Sletnes	71 5	28 14	10·2	1007·7	1009·0	+ 1·1	..	296·8	July 3	272·7	254·8	Dec.26	..	275·2	..	552	..
143	Vardö	70 22	31 5	12·1	‡1008·0	1009·5	+ 0·6	..	297·2	July 4	272·8	258·1	Dec.27	..	274·9	+ 1·2	376	-264
147	Malye Karmakouly	72 23	52 43	15·3	1008·4	1010·3	+ 0·2	..	..	..	..	..	..	..	267·8	+ 1·0	..	..
148	Waigatz	70 24	58 47	11·2	1009·2	1010·4	+ 0·6	..	..	..	..	..	..	..	266·0	- 0·3	..	..
153	Dickson	73 31	80 23	13·0	1009·2	1010·9	+ 0·1	..	..	..	..	..	..	..	261·6	+ 0·5	127	-37
162	Bouloune	70 45 N.	127 47 E.	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N. — YEAR - ZONE 2.

No.	Name of Station	Latitude	Longitude	Height	Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
201	Preobrajenye	N. 64 52	W. 175 18	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	270·9	290·8	Aug.14	265·4	240·2	Mar.15,31	268·1	..	..	360	..
203	øNome	64 30	165 24	6·7	..	1010·1	..	272·5	289·7	June 20	264·9	235·8	Feb.10	268·7	..	- 0·6	618	+168
204	Bethel	60 45	161 47	11·6	..	1009·1	..	275·1	299·1	Aug.10	266·6	236·9	Mar.10	270·9	..	- 0·6	427	-56
205	øTanana	65 10	152 6	69·5	1003·8	1012·2	+ 0·8	273·2	301·3	June 21	262·6	224·7	Feb.9	267·9	..	0·0	512	+187
206	Rampart	65 30	150 15	114	..	..	..	271·8	300·8	June 21	261·2	224·7	Feb.10	266·5	..	- 1·2	284	+30
207	Valdez	61 7	146 16	122	..	..	..	278·0	297·4	Aug.30	270·7	246·9	Jan.1	274·4	..	..	1905	..
208	øEagle	64 46	141 12	248	980·9	1012·2	+ 0·3	274·8	301·9	Jun.26,Aug.5,6,7	262·9	219·1	Feb.11	268·8	..	+ 0·2	334	+63
209	Dawson	64 4	139 29	324	973·3	1014·3	..	272·8	302·4	July 9	261·8	223·6	Jan.1	267·3	267·3	- 0·5	314	- 1
210	Aklavik	68 14	134 50	7·6	1012·6	1013·6	..	..	302·4	Jun.27,Jly.9,10	..	227·4	Feb.10	..	‡265·0	..	249	..
211	øFort Good Hope	66 15	128 38	65·2	1009·3	1017·7	..	271·4	304·1	June 27	260·3	219·7	Feb.16	265·9	..	+ 1·4	274	+31
212	Fort Simpson	61 52	121 35	129	..	..	..	275·4	305·2	July 16	264·6	..	..	270·0	..	+ 1·8	..	..
213	Hay River	60 51	115 57	161	992·4	1012·9	..	275·2	304·7	July 13	262·9	225·8	Feb.13	269·1	268·7	+ 0·7	419	+132
225	Jacobshavn	69 13	51 2	31·6	1001·6	1005·6	- 3·2	272·6	293·2	Sept.6	267·0	245·8	Feb.22	269·8	270·2	+ 2·9	222	- 9
226	Godthaab	64 10	51 43	20	..	..	..	275·8	293·4	July 22	270·1	255·6	Feb.23	272·9	272·6	+ 1·6	372	-231
227	Ivigtut	61 12	48 10	30·0	1002·2	1006·0	+ 0·5	..	292·9	July 21	..	251·8	Dec.7	..	274·2	+ 0·6	..	..
229	Angmagsalik	65 36	37 33	29·3	1003·6	1007·3	+ 0·2	276·0	292·0	July 16	268·9	253·6	Mar.14	272·5	272·4	+ 1·0	429	-468
231	Stykkisholm	65 5	22 46	25	..	1004·4	- 1·8	280·0	291·3	July 27	274·2	260·5	Mar.12	277·1	276·8	+ 1·0	831	+179
232	Vestmanno	63 24	20 17	132	..	1003·9	- 1·5	280·0	289·2	Aug.5	276·0	261·0	Mar.20	278·0	278·0	+ 0·5	1382	+17
233	Grimsey	66 33	18 1	22	..	1005·1	- 2·5	277·5	287·7	June 15	..	..	..	..	275·5	+ 0·9	..	..
234	Teigarhorn	64 41	14 22	18	..	1004·8	- 2·1	281·0	295·2	May 25	274·9	260·6	Mar.12	277·9	277·3	+ 1·2	1953	+787
235	Højvig	62 3	6 45	22·9	1003·5	1006·3	- 2·2	282·5	293·1	June 16	277·6	264·8	Mar.20	280·1	280·0	+ 0·9	1456	- 5
236	Lerwick	60 8	W. 1 11	18·0	..	1007·7	- 1·6	282·8	291·9	Jun.16,Jly.3	279·5	268·6	Mar.20	281·2	281·2	+ 1·1	1070	+106
237	Bergen (Fredriksberg)	60 24	E. 5 19	44·4	1004·4	1009·8	- 0·9	284·6	300·3	Aug.28	279·1	268·0	Feb.8	281·9	281·6	+ 1·5	2063	+332
238	Aalesund	62 28	6 10	6·3	1008·4	1009·2	- 0·9	..	299·6	June 19	279·2	268·9	Feb.6	..	281·5	+ 1·6	1015	-235
239	Trondheim	63 26	10 25	59·2	1002·3	1009·6	- 0·7	282·9	301·6	July 3	276·2	261·0	Feb.6	279·5	279·8	+ 2·1	727	-63
240	Bodo	67 17	14 26	17·0	1006·7	1008·8	0·0	..	297·6	July 20	276·2	263·3	Jan.30	..	279·0	+ 1·9	1014	+108
241	Haparanda	65 50	24 9	9·2	1010·0	1011·1	+ 0·3	279·6	303·0	July 8	271·8	245·0	Dec.25	275·7	275·9	+ 2·5	484	- 3
242	Helsingfors	60 10	24 57	11·7	1011·0	1012·4	- 0·3	282·6	302·3	June 20	276·7	252·7	Feb.10	279·7	279·6	+ 2·4	644	+25
242a	Kuopio	62 55	27 40	233	983·6	1012·3	+ 0·3	279·6	301·5	Aug.20	273·1	247·0	Dec.28	276·4	276·3	+ 0·9	740	+143
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Arkhangelsk	64 34	40 31	6·3	1011·5	1012·3	+ 0·4	..	..	..	..	..	..	..	274·2	+ 0·9	460	+33
246	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 25	52 18	? 68	1002·8	1011·5	- 0·6	..	..	..	..	..	..	..	270·0	- 0·8	470	+48
248	Tcherdyn	60 24	56 31	?208	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	268·5	- 0·3	326	-46
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	1008·4	1014·5	+ 0·1	..	..	..	..	..	..	..	269·5	+ 0·1	481	+50
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	1007·8	1013·6	- 0·9	..	..	..	..	..	..	..	266·0	+ 0·8	372	+38
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	1003·1	1017·1	+ 1·1	..	..	..	..	..	..	..	263·8	+ 1·1	129	-106
263	Verkholansk	67 33	133 24	100	996·4	1009·6	- 3·7	..	..	..	..	..	..	..	258·3	+ 0·9	117	- 8
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	1011·2	1013·4	- 0·6	..	..	..	..	..	..	..	265·1	- 0·3	165	-22
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
øChange of normals, see Table of Authorities, pages 105-15.

YEAR - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.
302	øSt. Paul Island	57 15	170 10	28·0	..	1007·8	+ 1·3	276·5	286·3	Aug.24	272·6	255·8	Mar.17	274·5	..	+ 0·4	594
303	øDutch Harbor (Radio)	53 55	166 30	4·0	1008·1	1008·8	+ 2·7	280·2	297·4	Aug.29	274·5	261·3	Feb.16	277·3	‡277·3	- 0·1	1354
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	261·9	Feb.11	..	..	..	..
305	Dillingham	59 0	158 28	24·4	..	..	..	..	299·1	July 7,21	..	243·0	Mar.10	..	..	..	810
306	øKodiak (Radio)	57 47	152 22	4·6	1006·1	1006·8	+ 0·8	281·2	300·2	Aug.27	274·3	256·3	Feb.24	277·7	‡277·7	- 0·4	1194
309	Sitka	57 3	135 19	19·8	..	..	..	283·1	300·2	June 20	275·3	256·9	Jan.5	279·2	..	- 0·4	2535
310	Prince Rupert	54 18	130 18	51·8	1008·3	1014·6	+ 1·2	283·9	299·7	Aug.10	277·4	261·9	Jan.5	280·7	280·8	+ 0·5	2167
311	Prince George	53 50	122 48	570	947·0	1015·4	..	284·2	307·4	Aug.8,9	270·8	234·1	Jan.6	277·5	277·6	+ 1·0	458
312	Kamloops	50 41	120 29	385	972·7	1018·9	- 0·5	286·0	310·2	July 12,13	276·2	245·8	Jan.17	281·1	281·3	- 0·3	180
313	Calgary	51 2	114 2	1058	892·9	1015·6	+ 1·2	284·2	307·4	July 14	271·0	234·1	Jan.16	277·6	277·4	+ 1·2	366
314	Fort Smith	60 0	111 52	183	987·1	1010·2	..	276·6	306·3	July 1	264·7	225·2	Jan.7	270·6	270·5	+ 1·8	517
315	øPrince Albert	53 10	105 38	437	961·4	1014·9	- 1·3	280·7	308·6	Aug.24	269·2	224·1	Jan.8	274·9	274·8	+ 1·6	452
316	Qu'Appelle	50 30	103 47	651	937·5	1015·8	- 0·7	281·1	309·7	July 31	270·0	230·8	Jan.8	275·6	275·3	+ 1·2	335
317	øMinnedosa	50 15	99 50	515	952·6	1015·2	- 0·9	281·3	306·9	Aug.25	269·1	230·8	Jan.8	275·2	274·8	+ 1·2	367
318	øBerens River	52 18	97 23	216	..	..	..	279·6	307·4	July 8	266·4	229·1	Jan.8	273·0	..	+ 0·4	738
319	Pagwa	50 3	85 18	189	..	..	..	..	305·2	Aug.27	..	233·0	Feb.4	..	..	..	..
320	Moose Factory	51 14	80 30	9·1	1010·2	1011·4	..	..	303·6	June 3	..	..	..	271·9	..	- 0·3	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistessini Post	50 15	73 55	383	..	..	..	277·6	299·7	June 3	267·1	229·7	Feb.3	272·3	..	+ 0·5	..
323	Natashquan	50 8	61 48	6·1	..	..	..	279·2	299·1	July 26	269·3	239·1	Jan.23	274·3	..	+ 1·2	872
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1009·8	1011·5	- 2·2	285·4	295·1	Sept.3	280·7	271·9	Nov.28	283·1	283·2	- 0·3	1664
335	Aberdeen	57 10	W. 2 6	26·0	1006·1	1009·3	- 2·0	283·6	297·7	June 5	278·4	266·7	Nov.18	281·0	281·1	+ 0·3	839
336	Greenwich	51 28	0 0	46·3	..	1012·6	- 2·5	287·8	306·3	Aug.28,29	279·5	268·0	Nov.17	283·7	283·3	+ 0·6	696
337	Uccle	50 48	E. 4 22	100	1001·3	1013·4	- 2·3	288·3	306·3	Aug.28	279·5	268·1	Feb.22	283·9	283·1	+ 1·2	953
338	De Bilt	52 6	5 11	3·0	1012·4	1012·8	- 2·3	287·2	305·8	Aug.29	278·9	267·5	Feb.9	283·1	283·7	+ 0·6	911
338a	Hamburg	53 33	9 58	40·3	1008·4	1013·3	- 1·4	285·8	305·5	July 3	279·3	267·5	Feb.8	282·5	282·2	+ 0·8	745
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1012·2	1012·8	- 0·9	284·7	300·1	July 3	278·9	265·4	Feb.8	281·8	281·9	+ 2·0	642
340	Potsdam	52 23	13 4	84·9	1003·5	1013·9	- 1·4	286·3	306·7	July 5	278·5	265·8	Feb.10	282·4	282·1	+ 0·8	698
340a	Uppsala	59 51	17 38	24	1008·8	1011·7	- 0·4	284·0	304·2	June 20	275·6	257·7	Feb.7	279·8	279·9	+ 2·0	647
341	Warsaw	52 13	21 3	88·3	1003·9	1014·7	- 1·8	286·8	305·7	June 27	277·9	252·3	Dec.28	282·3	281·7	..	633
342	Tartu (Ülikooli)	58 23	26 43	80·8	1003·0	1013·0	- 0·5	282·6	301·0	May 25	275·7	248·6	Feb.10	279·1	279·2	+ 1·7	717
343	Leningrad	59 56	30 16	4·8	1012·2	1012·8	- 0·5	..	..	..	..	..	..	..	278·7	+ 1·7	553
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	..	..	..	..	..	..	..	..	..	..	276·6	0·0	593
345	Saratov	51 32	46 2	127	..	..	..	..	..	..	..	..	..	..	..	..	..
346	Kazan	55 47	49 8	80·6	1006·6	1016·5	- 0·7	281·0	307·8	Aug.17	272·7	235·9	Feb.11	276·9	276·7	+ 0·4	448
347	Orenburg	51 45	55 6	109	1005·2	1018·8	- 0·9	..	..	..	..	..	..	..	277·3	+ 0·6	273
348	Perm	58 1	56 16	163	995·1	1015·5	- 1·0	..	..	..	..	..	..	..	274·4	+ 0·2	620
349	Sverdlovsk	56 50	60 38	281	980·4	1015·2	- 1·0	..	..	..	..	..	..	..	274·4	+ 0·6	487
350	Tobolsk	58 12	68 14	108	..	..	..	..	..	..	..	..	..	..	272·5	- 0·4	473
351	Akmolinsk	51 12	71 23	347	975·9	1019·1	- 2·0	..	..	..	..	..	..	..	272·2	- 2·2	589
352	Omsk	55 1	73 19	108	..	..	..	..	..	..	..	..	..	..	273·0	- 0·2	280
353	Barnaoul	53 20	83 47	158	1000·4	1020·3	- 0·2	..	..	..	..	..	..	..	273·7	- 0·1	591
354	Tomsk	56 30	84 58	123	1002·0	1017·5	- 1·1	..	..	..	..	..	..	..	272·2	+ 0·1	540
355	Minousinsk	53 43	91 41	249	989·6	1020·8	- 0·3	..	..	..	..	..	..	..	272·6	- 0·8	313
356	Eniseisk	58 27	92 10	81·2	1007·4	1017·7	0·0	..	..	..	..	..	..	..	270·9	- 0·4	457
357	Irkutsk	52 16	104 19	467	962·7	1020·6	- 0·3	..	..	..	..	..	..	..	271·5	- 0·2	434
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	685	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	941·2	1017·2	- 0·2	..	..	..	..	..	..	..	270·7	+ 1·3	399
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	997·2	1015·0	+ 0·4	..	..	..	..	..	..	..	272·8	- 0·2	398
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1007·8	1013·2	+ 1·6	..	..	..	..	..	..	..	270·1	- 0·4	476
366	Okhotsk	59 21	143 17	5·5	1011·1	1011·8	- 0·3	..	..	..	..	..	..	..	267·6	+ 0·1	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
øChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

YEAR - ZONE 4.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1008·6	1017·2	+ 0·7	285·8	303·6	July 12	279·5	263·6	Jan.16	282·7	282·3	0·0	477	-293
412	Portland, Oregon	45 32	122 41	46·6	1012·9	1018·4	+ 0·6	289·2	309·1	Sept.2	280·3	262·4	Jan.17	284·8	284·5	+ 0·4	690	-415
413	Macleod	49 44	113 24	953	..	..	..	285·5	310·8	July 15	273·4	234·1	Jan.16	279·4	279·5	+ 1·3	327	-27
414	Helena	46 34	112 4	1257	873·8	1016·9	+ 0·5	286·0	308·6	July 8	274·2	237·4	Jan.17	280·1	280·0	+ 0·7	209	-130
414a	Salt Lake City	40 46	111 54	1329	868·2	1016·4	+ 0·7	288·8	310·8	July 5	278·4	253·0	Jan.22	283·6	284·0	- 0·4	400	-16
415	Cheyenne	41 8	104 48	1856	812·9	1016·2	+ 0·5	286·4	307·4	July 4	273·6	238·6	Jan.17	280·0	280·1	0·0	524	+168
416	North Platte	41 8	100 45	860	916·5	1016·3	- 0·4	289·9	311·9	July 7,Aug.2	276·4	240·8	Jan.17	283·2	282·9	+ 1·0	628	+158
416a	Bismarck	46 47	100 38	510	954·3	1015·6	..	285·1	311·9	July 10	273·2	239·7	Jan.9	279·1	279·2	+ 1·3	427	- 6
417	Winnipeg	49 53	97 7	232	986·7	1015·4	- 0·8	281·3	307·4	July 15	271·2	235·8	Jan.8	276·3	275·9	+ 1·9	574	+61
418	Duluth	46 47	92 6	345	973·6	1015·6	- 0·6	282·7	309·1	Aug.1	272·4	239·7	Jan.17	277·6	277·2	+ 1·2	592	-140
419	øPort Arthur	48 27	89 12	196	990·9	1015·1	- 1·0	281·4	304·7	Aug.4	271·9	239·7	Jan.9	276·7	276·4	+ 1·6	723	+134
420	Chicago	41 47	87 35	205	992·2	1017·1	+ 0·2	287·6	311·3	July 19	279·5	246·3	Jan.18	283·6	283·2	+ 0·5	593	-246
421	Toronto	43 40	79 24	116	1002·3	1016·5	- 0·3	286·1	308·0	Aug.4	277·1	251·9	Feb.6	281·6	281·2	+ 1·3	654	-141
422	øNew York (Central Park)	40 47	73 58	47·4	1011·0	1016·7	- 0·3	289·7	311·9	July 21	281·3	259·1	Feb.17	285·5	285·3	+ 0·9	988	-123
423	øSt. John, N.B.	45 17	66 4	36·3	1010·5	1015·0	..	283·3	303·6	June 4	274·8	250·8	Feb.17	279·1	278·7	+ 1·0	1021	-199
424	S.W.Point, Anticosti	49 24	63 33	9·1	1011·5	1012·6	..	278·1	293·6	July 19, Sept.1	272·8	248·6	Jan.11	275·5	275·6	+ 0·9	618	-171
424a	Sable Island (Main Station)	43 57	60 6	7·6	1014·7	1015·6	..	283·1	295·2	July 10	278·1	261·9	Jan.26, Feb.17	280·6	280·4	+ 0·6	1090	-212
425	Port aux Basques	47 35	59 10	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	939·6	1016·5	- 1·1	291·4	307·0	July 28	281·6	268·5	Feb.19	286·5	285·9	+ 0·3	484	+66
436	Nantes	47 15	W. 1 34	36·5	1009·5	1013·9	- 2·9	288·5	305·1	Aug.28	281·3	270·5	Feb.24	284·9	284·8	+ 0·7	1063	+277
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1008·4	1014·5	- 2·2	288·4	306·9	Aug.29	280·2	268·5	Feb.24	284·3	284·2	+ 1·0	833	+271
438	Marseille	43 18	5 23	75	..	1013·9	- 1·1	292·6	307·7	Aug.24	283·0	269·1	Dec.25	287·8	287·3	+ 0·2	681	+106
438a	Zürich	47 23	8 33	493	957·7	1016·0	- 1·7	287·9	306·1	July 5	278·8	264·6	Feb.10	283·4	282·6	+ 1·0	1313	+204
439	Rome	41 54	12 29	45·5	1009·3	1014·7	- 0·4	294·1	308·5	July 8	284·4	273·4	Jan.5	289·2	289·1	+ 0·7	842	+11
440	Vienna	48 15	16 22	203	991·1	1015·6	- 1·0	286·6	304·8	July 5	279·7	262·2	Feb.10	283·2	283·1	+ 0·5	753	+105
440a	Budapest	47 31	19 1	130	1000·0	1015·7	- 0·9	289·5	307·5	July 4	280·6	263·4	Feb.9	285·1	284·6	+ 1·1	720	+82
441	Sofia	42 42	23 20	550	952·1	1016·8	- 0·7	288·7	306·2	Aug.7,8	278·7	256·4	Jan.8	283·7	283·6	+ 0·6	578	-67
442	Bucharest	44 25	26 6	82	1006·7	1016·6	- 0·2	291·4	311·5	Aug.8	278·7	264·9	Jan.22	285·1	285·0	+ 1·4	609	+20
443	Odessa (Observatory)	46 26	30 46	42·8	1011·9	1017·1	0·0	287·1	306·5	Aug.7	280·0	257·1	Dec.29	283·5	283·5	+ 0·6	431	+37
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1011·9	1016·4	+ 0·3	..	..	..	..	..	..	..	286·1	+ 0·4	678	-25
445	Tiflis	41 43	44 48	404	970·0	1017·5	0·0	290·9	310·1	July 27	282·0	263·1	Feb.12	286·4	286·2	+ 0·8	532	+31
446	Astrakhan	46 21	48 2	-20	1021·4	1019·0	+ 0·5	..	..	..	..	..	..	..	282·3	+ 0·1	175	+19
447	Fort Alexandrovsk	44 31	50 7	-23·0	1020·4	1017·6	+ 0·2	..	..	..	..	..	..	..	283·8	- 0·2	159	+15
448	Krasnovodsk	40 0	52 59	-4·6	1018·2	1017·6	+ 1·1	..	..	..	..	..	..	..	288·0	- 0·7	86	-53
449	Kasalinsk	45 46	62 8	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
450	Tashkent	41 20	69 18	479	961·1	1017·1	+ 0·1	292·2	313·8	July 8	279·1	243·5	Dec.20	285·6	285·4	- 0·8	398	+51
451	Andijan	40 47	72 23	503	959·0	1018·0	..	292·2	313·4	July 8,9	280·4	247·7	Dec.21	286·3	285·6	..	233	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	281·1	..	524	..
461	Moukden	41 46	123 24	44·3	1011·2	1016·6	+ 0·1	287·1	307·8	June 19	275·5	246·2	Jan.7	281·3	281·0	+ 0·9	685	+17
462	Joshin	40 40	129 12	31·9	1012·6	1016·5	+ 1·4	286·4	304·0	July 3	277·8	255·0	Jan.5	282·1	281·7	+ 0·8	740	+30
463	Yuki	42 20	130 24	63·8	1008·8	1016·7	+ 1·5	283·5	307·1	July 3	275·8	251·8	Jan.6	279·7	279·5	+ 0·3	885	+147
464	Vladivostok	43 7	131 54	128	1001·0	1016·9	+ 1·1	..	..	..	..	..	..	..	277·6	- 0·1	538	-32
465	Ochiai	47 20	142 47	27·4	1010·0	1013·4	+ 1·7	280·4	307·5	July 27	270·5	240·5	Jan.7	275·5	275·4	+ 0·6	846	- 3
466	Nemuro	43 20	145 35	26·7	1010·5	1013·8	+ 1·2	282·6	300·2	Aug.15	275·3	256·7	Feb.19	278·9	278·9	+ 0·4	905	-54
466a	Syana	45 14	147 53	39·3	1008·2	1013·1	+ 1·3	281·3	299·6	Aug.18	274·2	255·9	Mar.8	277·7	277·8	+ 0·5	1193	+162
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

YEAR - ZONE 5 (AMERICA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N.	W.															
508	35°-30°N. 145°-140°W.	††31 45	††142 0	§(372)	..	1021·3	- 2·0	..	..	Sea Temp. 292·4 | +0·6	..	..	..	..	291·3	+ 1·1	..	..
511	San Francisco	37 48	122 26	47·2	1010·7	1016·3	- 0·5	291·0	306·3	Oct.6	283·8	275·8	Jan.11	287·4	286·8	+ 1·6	427	-140
512	Sacramento	38 35	121 30	21·0	1012·9	1015·3	- 0·3	295·4	314·1	July 14	281·7	269·7	Dec.28	288·6	288·8	+ 0·1	301	-171
513	San Diego	32 43	117 10	26·5	1011·8	1014·9	- 0·3	293·7	310·8	July 30	286·3	278·0	Jan.8, Dec.22	290·0	289·7	+ 1·1	299	+58
514	Modena	37 48	113 54	1668	833·7	1015·0	- 0·1	289·2	307·4	July 5	272·8	245·8	Jan.8	281·0	280·9	- 0·6	289	+ 1
515	Santa Fé	35 41	105 57	2138	787·9	1014·5	+ 0·4	288·8	305·2	June 13	275·7	254·1	Jan.22	282·3	282·1	+ 0·1	336	-36
516	Denver	39 45	105 0	1613	837·4	1015·7	+ 0·5	289·9	308·6	Jun.28, Jly.7	276·8	244·1	Jan.17	283·4	283·3	+ 0·5	231	-131
517	Abilene	32 23	99 40	530	955·1	1016·1	+ 0·3	297·7	313·6	Aug.19	284·9	254·1	Jan.18	291·3	290·6	+ 0·7	684	+72
518	Saint Louis	38 38	90 12	173	996·7	1017·3	+ 0·1	292·3	315·2	July 28	282·5	248·0	Jan.18	287·4	287·3	+ 1·1	591	-417
519	Mobile	30 41	88 2	17·4	1016·2	1018·2	+ 0·6	297·2	312·4	July 11	288·1	265·2	Jan.19	292·6	292·2	+ 0·4	1225	-362
520	Nashville	36 10	86 47	166	999·3	1019·2	+ 0·8	293·9	314·1	July 28	283·3	254·1	Jan.18	288·6	288·8	+ 0·4	960	-245
521	Charleston	32 47	79 56	14·6	1016·8	1018·5	+ 0·3	295·8	310·2	July 8	287·9	271·3	Jan., Mar., Dec.	291·8	291·9	+ 0·2	823	-406
522	Washington	38 54	77 3	34·1	1013·6	1018·5	- 0·1	292·6	314·1	July 20	281·7	258·6	Jan.31	287·2	286·8	+ 1·5	549	-525
524	Bermuda	32 17	64 46	38·1	1014·6	1020·0	..	297·9	305·2	Aug.3, Sept.7,27	291·8	283·0	Mar.5	294·8	294·3	- 0·1	1532	+71
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
§Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
øChange of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

YEAR - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1016·9	1021·6	+ 0·1	293·4	302·7	Aug.22	288·5	278·1	Jan.14	290·9	290·8	+ 0·4	1243	--
531	Horta	38 32	28 38	65	1014·1	1021·9	+ 0·3	293·4	302·0	Aug.9	288·3	279·6	Jan.13	290·8	290·5	- 0·1	836	--
532	Ponta Delgada	37 44	25 40	22	1019·1	1021·7	+ 0·4	292·5	300·0	July 30	288·6	280·9	Jan.14	290·6	290·6	+ 0·3	928	--
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	542	--
533	Madeira (Funchal)	32 38	16 55	25	1017·7	1020·7	+ 0·9	293·9	305·5	Oct.5	290·3	283·8	Apr.27	292·1	292·2	+ 1·0	509	--
535	Lisbon	38 43	9 9	95	1006·5	1017·8	+ 0·3	292·7	310·7	Aug.15	285·9	275·5	Feb.9	289·3	289·1	+ 0·4	343	--
535a	✠Melilla	35 17	2 59	40	1012·7	1017·4	- 0·3	294·6	307·8	Aug.12	288·7	279·7	Feb.9	291·7	291·6	+ 0·5	923	--
536	Gibraltar	36 6	5 21	27·4	..	1017·3	- 0·7	295·3	306·9	Aug.12,Sept.8	286·8	277·4	Feb.9,20	291·0	290·2	+ 0·1	85	--
536a	Colomb-Béchar	31 37	W. 2 13	769	928·4	1014·2	- 0·2	301·1	318·0	July 15	285·7	267·0	Jan.8,11	293·4	292·9	+ 0·7		
537	Palma	39 34	E. 2 39	23	1012·7	1015·4	- 1·9	..	309·8	Aug.25	..	..	..	..	..	..	446	--
538	Algiers (University)	36 46	3 13	59	1009·1	1016·1	- 0·3	295·1	308·0	Aug.5	288·5	277·6	Feb.19	291·8	291·3	+ 0·5	708	--
538a	Gadames	30 8	9 30	351	..	..	..	304·6	325·0	May 6	285·7	274·2	Jan.9	295·7	..	+ 0·2	46	--
539	Tunis	36 48	10 10	66	1007·5	1015·3	- 0·5	295·8	314·1	July 17	286·2	275·2	Jan.19	291·0	290·8	+ 0·2	507	--
540	Malta	35 54	14 31	71·2	..	1015·1	+ 0·2	294·3	306·9	July 1	288·7	280·2	Feb.19,22	291·5	290·8	- 0·4	668	--
541	Athens	37 58	23 43	107	1002·1	1014·7	- 0·2	295·6	311·5	Aug.8	287·0	274·9	Feb.28	291·3	291·0	+ 0·7	491	--
542	Alexandria	31 12	29 53	32·0	1010·9	1014·7	+ 0·1	298·8	313·9	June 10	290·6	280·0	Feb.14	294·7	294·1	+ 0·8	195	--
543	Ankara (Angora)	39 58	32 48	861	916·5	1014·6	- 1·3	291·6	310·5	July 27	278·7	261·5	Feb.12	285·2	285·2	..	286	--
543	Nicosia (P.W.D.)	35 9	33 22	159	..	1012·7	+ 0·2	298·8	314·1	Aug.8,9	285·8	274·7	Jan.25	292·3	..	+ 0·8	528	--
544	Beirut	33 54	35 28	33·7	..	1013·1	- 0·6	297·9	308·1	Aug.9	290·7	281·4	Feb.15	294·3	294·1	+ 0·8	667	--
545	Hinaidi	33 17	44 29	32·9	1007·0	1010·8	- 0·5	303·8	322·1	Aug.4	288·3	273·6	Dec.3	296·0	296·0	+ 0·4	166	--
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	--
547	Tehran	35 41	51 25	1220	869·9	1002·5	..	294·9	313·2	July 6	283·1	267·3	Jan.12	289·0	288·8	- 0·5	210	--
548	Meshed	36 17	59 36	946	..	..	..	293·2	312·0	July 4	..	..	..	..	..	..	329	--
549	Seistan	31 2	61 30	?610	955·5	..	..	300·0	316·8	July 4	286·7	267·7	Dec.23	293·3	..	- 0·2	62	--
550	Quetta	30 10	67 1	1647	835·0	..	0·0	296·4	311·3	July	280·4	264·1	Feb.10	288·4	288·2	+ 0·5	245	--
551	Peshawer	34 1	71 35	355	969·8	1009·9	- 0·2	302·8	317·4	June 26	288·8	272·4	Dec.22	295·8	295·2	+ 0·4	368	--
551a	Lahore	31 35	74 20	214	984·7	1009·3	+ 0·4	304·5	318·0	May 30,Jun.2,10	289·9	273·0	Dec.23	297·2	296·7	- 0·1	398	--
552	Simla	31 6	77 10	2202	781·2	..	+ 0·4	289·3	300·2	May 30	282·8	267·4	Jan.16	286·1	285·9	- 0·2	1188	--
552a	Leh	34 9	77 34	3503	666·9	..	+ 0·7	..	299·8	July 4	271·0	247·4	Jan.21	..	..	..	97	--
558	Sian	34 31	109 5	365	970·7	1013·2	..	293·7	315·1	July 13,16	283·5	248·0	Jan.	288·6	289·1	..	286	--
559	Hankow	30 35	114 17	39·1	..	1017·5	+ 0·5	294·5	312·4	July 24	286·3	297·3	July 1	290·4	290·0	+ 0·2	1187	--
560	Tientsin	39 9	117 9	6·4	..	1017·3	+ 0·1	291·6	279·7	Jan.31	280·6	256·3	Jan.5	286·1	285·8	+ 0·7	..	--
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1015·8	1016·6	+ 0·2	293·9	310·3	July 11	285·0	264·8	Jan.8	289·5	288·7	+ 0·6	1144	--
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1008·7	1017·2	+ 0·9	288·9	309·9	Aug.12	280·8	257·6	Jan.6	284·9	284·4	+ 0·7	1423	--
562a	Nagasaki	32 44	129 52	133	1000·3	1016·1	+ 0·7	293·0	308·0	Aug.9	285·9	272·0	Jan.6	289·5	289·0	+ 0·7	1648	--
563	Kyoto	35 1	135 44	42·9	1010·7	1015·9	+ 1·2	293·6	309·8	Aug.24	282·8	268·5	Jan.11	288·2	287·6	+ 0·9	1349	--
564	Tokyo	35 41	139 46	5·8	1014·3	1015·0	+ 0·9	292·2	306·8	July 15	283·7	269·3	Jan.7	287·9	287·8	+ 1·0	1470	--
565	Hukusima	37 45	140 28	68·5	1007·2	1015·5	+ 1·4	291·0	308·4	Aug.5	280·8	263·7	Jan.8	285·9	285·5	+ 0·7	1028	--
566	Miyako	39 38	141 59	30·4	1010·9	1014·6	+ 1·0	289·4	308·6	Aug.7	279·0	261·0	Jan.7	284·2	283·5	+ 0·5	1097	--
		N.	E.															

YEAR - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	✠Midway Island	28 13	177 22	5·8	1017·0	1017·6	..	..	305·2	Aug.24	290·1	281·3	Jan.29	..	..	..	874	--
605	Honolulu	21 19	157 52	11·6	1014·7	1016·1	- 0·6	299·5	303·0	Sept.17	294·5	286·9	Jan.14,Mar12	297·9	296·8	+ 0·3	791	--
613	Guaymas	27 55	110 53	8·3	1011·9	1012·8	..	303·0	313·5	Aug.26	292·8	282·5	Dec.26	297·9	297·4	- 0·4	215	--
615	Leon	21 7	101 41	1809	820·8	1009·9	- 1·0	299·2	307·6	May 14	284·3	272·6	Feb.6	291·7	292·1	- 0·5	690	--
616	Monterry	25 40	100 18	528	954·4	1014·1	+ 0·6	299·5	311·3	May 16	289·4	269·2	Jan.18	294·5	293·9	- 0·6	726	--
617	Tulancingo	20 5	98 22	2181	790·0	..	- 0·3	295·6	305·8	May 16	281·2	271·3	Feb.7	288·4	287·4	- 0·5	460	--
618	Galveston	29 18	94 50	16·5	1016·1	1018·2	+ 1·1	296·2	309·1	June 27	290·7	262·4	Jan.18	293·4	293·3	- 0·4	956	--
619a	New Orleans	29 57	90 4	16·2	1016·2	1018·1	+ 2·0	297·9	311·3	June 27	289·7	267·4	Jan.19	293·8	293·5	+ 0·2	1583	--
619	Merida, Yucatan	20 58	89 38	22	1012·1	1014·6	- 0·5	302·9	311·4	May 18	294·7	286·6	Mar.5	298·8	297·9	- 0·1	1046	--
620	Havana	23 7	82 25	77·0	1006·4	1015·3	- 0·9	301·7	307·5	Sept.15	294·1	285·1	Mar.5	297·9	297·5	..	1182	--
620a	Key West	24 33	81 48	6·7	1015·8	1016·5	0·0	300·7	306·3	Aug.12	295·1	283·0	Dec.24	297·9	297·5	0·0	1340	--
621	Nassau, Bahamas	25 5	77 20	9·6	..	..	..	301·5	306·3	Aug.11,12,17, Sep.15	294·8	285·8	Mar.6	298·1	298·1	0·0	1104	--
622	San Salvador(Watling Island)	24 6	74 26	33·5	1013·8	1017·7	+ 0·3	..	305·8	Aug.27	..	289·7	Mar.4	..	299·2	- 0·1	..	--
633	Port Etienne	20 56	17 3	4	1013·9	1014·4	..	301·0	317·5	Aug.31	288·6	283·0	Jan.18	294·8	..	..	2	--
634m	✠Izaña	28 19	16 30	2367	769·5	..	+ 0·2	285·9	299·3	Aug.12	278·7	269·0	Apr.26	282·3	281·9	+ 0·2	802	--
634	La Laguna	28 28	16 20	547	953·8	1017·2	- 0·8	293·5	308·5	Oct.6	283·7	277·4	Dec.24	288·6	287·9	- 0·8	1005	--
636	Adrar	27 52	W. 0 17	?285	..	..	..	..	..	..	..	..	..	..	..	..	..	--
638	Tamanrasset (Fort Laperrine)	22 45	E. 5 0	?1350	865·2	..	..	..	..	..	..	272·5	Jan.9	..	..	..	..	--
639	Sebha	27 1	14 27	424	..	..	..	..	..	..	..	..	..	..	..	..	..	--
640	Hon	29 8	15 56	263	..	..	..	..	..	..	..	..	..	..	..	..	..	--
641	Ghirahub	29 45	24 31	49	..	..	..	..	322·1	June 10	..	..	..	..	..	..	39	--
642	Siwa	29 12	25 29	- 23	1016·8	..	..	..	320·0	June 10	..	279·2	Jan.16	..	..	..	35	--
643	Cairo (Helwan)	29 52	31 20	116	1000·4	1013·8	- 0·2	301·5	317·4	June 11	289·0	277·3	Jan.22	295·2	295·1	+ 0·7	34	--
643a	Aswan	24 2	32 53	100	1000·1	1011·4	- 0·2	308·0	322·4	June 16	291·8	276·8	Jan.24	299·9	299·2	+ 0·8	..	--
644	Tor	28 14	33 37	1·9	1011·3	1011·5	+ 0·1	301·4	314·0	June 9	290·6	279·5	Feb.17	296·0	295·7	+ 0·7	24	--
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

§Change of normals, see Table of Authorities, pages 105-15.

YEAR 1930

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

YEAR - ZONE 6 (ASIA).

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1009·8	1010·5	..	300·8	312·8	June 4	293·8	280·2	Jan.1,13	297·3	296·7	+ 0·3	228	-37
648	Jask	25 45	57 45	4·0	1008·4	1009·0	..	303·3	312·3	Aug.27	296·4	282·9	Jan.13	299·9	299·3	+ 0·2	229	+115
649	Karachi	24 48	66 59	4·0	1010·2	1010·4	+ 0·9	301·8	310·8	June 27	295·0	283·6	Jan.5,6,14	298·4	297·8	0·0	408	+216
650	Jacobabad	28 17	68 29	56·7	1002·3	1008·8	+ 0·3	307·9	321·3	May 12,29,30	292·1	274·7	Feb.10	300·0	299·4	0·0	145	+49
651	Jaipur	26 55	75 50	436	961·5	1010·3	+ 0·7	305·4	316·9	May 13	291·3	276·9	Jan.16,Dec.25	298·4	297·7	- 0·3	578	-40
652	Nagpur	21 9	79 7	310	975·3	1010·1	+ 0·6	306·5	319·7	May 31	293·1	280·2	Dec.23,24	299·8	299·3	- 0·1	803	-441
652a	Allahabad	25 26	81 50	94·2	998·5	1009·1	+ 0·4	305·4	319·1	June 1	292·6	276·9	Jan.20,Dec.24	299·0	298·5	+ 0·2	988	- 6
652a	Darjeeling	27 3	88 16	2265	775·8	..	+ 0·2	288·2	297·7	July 9	281·8	270·6	Jan.26	285·0	284·8	+ 0·3	2554	-562
652a	Calcutta	22 32	88 20	6·4	1008·5	1009·3	+ 0·3	304·2	314·7	Apr.24	294·9	282·4	Jan.22	299·6	299·2	+ 0·7	1521	-68
655	Gauhati	26 11	91 45	59·7	1004·2	1011·1	+ 0·4	301·8	309·3	July 13	292·3	279·1	Jan.18	297·1	296·3	0·0	1786	+128
655a	Cherrerpunji	25 15	91 44	1313	867·9	..	0·0	293·2	299·4	July 14	287·2	274·7	Jan.19	290·2	289·6	0·0	9282	-1490
656	Akyab	20 8	92 55	6·1	1009·6	1010·2	+ 0·2	302·4	307·8	Apr.6	294·5	281·8	Jan.24	298·4	298·2	- 0·6	5007	-157
656a	Mandalay	21 59	96 6	76·2	1002·0	1010·6	+ 0·2	306·3	315·0	Apr.23	295·1	284·2	Jan.24,26	300·7	300·1	- 0·1	965	+124
657	Tengyueh	25 0	98 40	1634	834·4	1008·9	..	293·8	303·0	July 12	283·3	270·2	Jan.4	288·5	287·8	+ 0·1	..	..
658	Pau Lien	20 48	106 38	116	..	1011·9	+ 0·7	299·7	309·9	July 3	293·1	280·0	Jan.8	296·4	295·8	- 0·2	1747	- 7
659	Monney	21 31	107 58	9·0	..	..	..	299·9	310·9	July 10	292·3	276·3	Jan.12	296·1	295·4	0·0	2889	+34
660	Hongkong	22 18	114 10	33·2	..	1012·8	+ 0·3	298·0	306·8	July 1	293·5	278·1	Jan.8	295·7	295·4	+ 0·3	2440	+262
660	Amoy	24 26	118 4	4·9	1014·3	1014·9	+ 0·5	297·5	307·4	July 26,27,Aug.19,20	292·0	279·7	Feb.9	294·7	294·3	- 0·5	902	-280
661	Taihoku, Formosa	25 2	121 31	9·3	1013·3	1014·4	+ 0·7	299·7	309·1	June 30	291·7	278·9	Mar.14	295·7	295·1	+ 0·4	2253	+120
661a	Basco	20 28	121 59	18·7	..	1011·2	+ 0·7	301·8	305·9	June 21,Sept.1	296·6	290·9	Feb.12	299·2	298·9	+ 0·3	3877	+843
662	Naha	26 12	127 39	29·5	1010·8	1014·2	+ 0·7	298·0	305·0	July 10	293·0	283·4	Feb.11,13	295·5	295·4	+ 0·3	2503	+359
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1013·9	1014·4	+ 0·1	299·5	306·4	Sept.6	293·2	283·7	Feb.20	296·3	296·1	+ 0·6	1607	-30
		N.	E.															

BETWEEN 20° N. AND 10° N.

YEAR - ZONE 7.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean *	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		N.	W.															
715	Colima	19 12	103 45	498	957·0	1012·7	+ 0·9	305·5	310·8	June 6	291·5	284·3	Feb.5,6	298·5	297·1	- 0·3	885	+35
716	Morelia	19 42	101 7	1923	809·8	1010·0	- 0·5	295·7	303·4	May 12	284·6	274·8	Feb. 7	290·1	290·0	+ 0·2	855	+79
717	Mexico, Tacubeya	19 24	99 12	2309	775·1	..	0·0	296·2	305·0	May 14	280·7	272·8	Feb.10	288·4	287·6	- 0·3	814	+178
718	Celina Cruz	16 12	95 12	56	1004·6	1011·0	- 1·3	303·1	309·3	May 12	295·8	289·0	Jan.24	299·5	299·9	+ 0·2	679	-294
719	San Salvador	13 42	89 13	682	937·4	1012·8	+ 0·5	307·0	311·6	Apr.20	290·9	284·0	Jan.16	298·9	296·6	+ 0·4	1264	-540
720	Belize	17 31	88 11	5·2	1013·8	1014·4	+ 0·5	..	304·7	May 27, Sept.7	295·7	288·0	Dec.24	..	..	..	2153	+279
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·0	+ 0·3	303·9	307·2	Sept.13	294·8	288·9	Jan.9	299·3	299·1	+ 0·3	1175	-199
722	Port au Prince	18 33	72 20	37·4	1010·2	1014·5	0·0	304·8	309·8	July 5	294·5	289·8	Jan.20	299·6	299·6	+ 0·4	1342	-29
724	Caracas	10 30	66 56	1043	898·5	1013·1	..	299·3	304·2	Mar.7,May 30	289·0	283·9	Feb.11	294·1	291·9	- 0·7	801	- 6
724a	San Juan, Porto Rico	18 29	66 7	25·0	1012·6	1015·5	- 0·1	301·6	306·9	Aug.26,Oct.3	295·9	291·3	Mar.3	298·8	298·5	+ 0·3	1111	-528
725	Grenada (Richmond Hill)	12 5	61 46	188	992·6	1013·9	+ 1·1	303·5	305·2	5 months	296·0	294·1	Feb.15,Sept.25	299·7	299·2	+ 0·6	1375	-520
726	Barbados	13 8	59 36	57·9	..	1014·2	+ 0·4	302·6	306·0	Aug.30	295·2	291·7	Apr.11	298·9	298·7	- 0·1	748	-617
731	São Vicente, C.Verde Is.	16 54	25 4	11	1013·5	1014·8	+ 0·6	298·5	304·0	Oct.7	295·0	291·5	Feb.10	296·8	296·8	+ 0·3	..	..
732	San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	..	307·4	Sept.14	..	290·6	Feb.11, Mar,14	..	..	..	..	..
734	Dakar	14 40	17 26	32	..	1012·6	..	301·7	310·2	Nov.3	293·6	288·0	Jan.31	297·6	296·5	- 0·4	708	+166
735	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	300·9	309·1	June 20	293·8	287·4	Feb.5	297·3	297·3	- 1·1	1335	..
736	Niémébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
737	Kabara	16 45	W. 3 1	273	..	..	..	..	..	..	..	..	..	..	..	..	..	..
738	Sokoto	13 2	E. 5 14	354	..	..	..	308·6	316·9	Apr.17	294·3	285·2	Jan.1,15,16	301·4	300·9	+ 0·2	744	+63
739	Kaduna Capital	10 32	7 25	?637	..	..	..	304·4	310·5	Mar.17	..	..	..	..	‡297·5	+ 0·2	1463	+95
741	Nadeija	12 40	10 5	?	..	..	..	308·1	318·0	May 2	292·4	277·4	Jan.19,20	300·3	299·8	0·0	373	-160
741	Maiduguri	11 47	13 11	361	..	..	..	308·8	316·9	Apr.17	..	..	..	..	‡300·5	- 0·4	722	+125
742	Fasher	13 32	25 18	730	927·1	1007·9	..	309·0	316·5	Apr.19,20	288·3	276·0	Dec.9	298·6	297·1	- 0·6	477	+143
743	El Obeid	13 11	30 14	563	946·9	1009·3	+ 1·0	307·8	316·4	Apr.18	290·0	278·3	Jan.27	299·0	298·4	- 0·7	442	+93
743a	Khartoum	15 37	32 33	390	965·8	1009·1	+ 0·6	309·7	318·7	May 13	294·7	280·1	Jan.25	302·2	302·2	0·0	223	+70
744	Port Suden	19 37	37 13	5·5	1010·0	1010·7	+ 0·7	307·1	319·6	Aug.6	296·4	286·9	Jan.22,23	301·8	301·3	+ 0·3	27	-85
745	Berbera, Somaliland	10 26	45 2	13·8	1008·5	1010·1	0·0	306·7	316·3	4 months	298·6	291·3	Feb.11	302·7	302·6	- 0·2	118	+57
746	Aden	12 49	45 2	29·9	1007·8	1011·0	+ 0·6	305·0	312·3	July 16	299·0	292·4	Dec.31	302·0	301·5	+ 0·7	85	+35
752	Bombay	18 54	72 49	11·3	1009·7	1010·9	+ 0·2	303·8	308·6	Oct.26	296·4	288·0	Feb.2	300·1	299·7	+ 0·1	2287	+491
752a	Kodaikanal	10 14	77 28	2343	771·6	..	+ 0·6	291·5	295·9	May 31	283·5	276·9	Dec.21	287·5	287·1	+ 0·3	1901	+322
753	Bangelore	12 58	77 35	921	910·7	1011·1	+ 0·5	302·8	310·4	Apr.25	291·4	284·4	Jan.12	297·1	296·3	+ 0·7	991	+92
754	Madras	13 4	80 15	6·7	1009·5	1010·2	- 0·1	305·4	314·7	May 31	296·8	290·1	Jan.13	301·1	300·6	- 0·1	2000	+711
754	Vizagapatam	17 42	83 18	38·4	1005·4	1009·8	+ 0·3	303·2	310·3	June 4	296·6	288·2	Jan.1	299·9	299·3	- 0·7	1201	+257
755	Port Blair	11 40	92 43	18·0	1008·8	1010·8	+ 0·3	303·0	307·3	May 5	298·0	293·7	Jan.22	300·5	299·9	- 0·2	3075	+117
756	Rangoon	16 46	96 11	5·5	1010·5	1011·2	+ 0·3	305·4	313·7	May 10	296·0	288·3	Jan.20	300·7	299·6	+ 0·4	2817	+304
757	Cap St. Jacques	10 20	107 5	180	..	1011·0	..	302·0	307·7	Apr.12	296·4	293·4	Feb.17	299·2	298·8	- 0·1	1054	-245
758	Nhatrang	12 15	109 12	3·6	..	1010·2	..	303·2	311·3	July 14	295·8	290·0	Feb.7	299·5	299·0	- 0·2	1750	+295
759	Bolinao	16 23	119 53	2	..	1009·5	+ 1·2	304·4	310·0	Apr.22, May 6	..	290·0	Feb.2	..	300·1	+ 0·1	1773	-846
761	Vigan	17 34	120 23	12·2	..	1009·5	+ 0·6	304·3	308·5	Nov.6	296·7	288·4	Feb.10	300·5	299·9	- 0·2	2748	+118
762	Manila	14 35	120 59	14·2	..	1010·3	+ 0·9	304·8	310·0	May 9,10	295·8	289·9	Feb.17	300·3	299·5	- 0·1	1849	-182
765	Ormoc	11 0	124 36	5·6	..	1009·1	+ 0·7	304·8	307·5	Apr.2	295·4	290·8	Feb.17	300·1	299·8	+ 0·5	1927	-333
765	Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·0	+ 0·4	303·2	306·3	May 15,16	297·6	292·8	Feb.17	300·4	300·4	+ 0·2	2054	-234
766	Saipan	15 14	145 46	207	987·6	1007·8	..	300·8	303·2	Aug.31	296·1	293·2	Mar.24	298·5	298·2	..	1926	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

§Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	§Fanning Island	3 54	159 23	5·3	..	..	..	..	308·6	Jun.15,Oct.7	298·3	294·1	Sept.13	..	‡302·3	+ 0·4	3249	..
821	Cristobal	9 23	79 54	11·0	..	1010·4	- 0·6	303·2	305·8	Oct.1	298·1	295·8	4 months	300·7	300·1	+ 1·0	2564	..
822	Bogota	4 36	74 5	2645	746·6	..	+ 0·7	292·2	296·5	Feb.16	283·1	278·8	Jan.1,Dec.22	287·7	287·0	+ 0·2	888	..
822a	Merida, Venezuela	8 36	71 9	1641	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	Ciudad Bolivar	8 9	63 33	38	1007·8	1012·1	+ 1·0	305·0	308·2	Mar.18	296·3	293·7	Jan.2	300·7	300·1	+ 0·1	783	..
824	El Peru, Guayanaviejа	7 19	61 49	220	985·3	1010·4	- 0·2	..	308·1	Apr.23	295·2	290·4	Jan.2	..	‡295·9	- 0·1	1144	..
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·4	- 0·1	302·6	305·5	Nov.21	297·3	294·7	July 21	299·9	299·6	+ 0·2	2161	..
826	Paramaribo	5 49	55 9	3·7	1012·1	1012·5	- 0·4	304·4	308·6	Nov.12	295·8	293·0	Feb.20	300·1	299·7	+ 0·5	2126	..
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	2821	..
831	10°-5°N. 30°-25°W.	††7 4	††27 5	§(867-1180)	..	1013·7	+ 1·2	..	..	Sea Temp. 299·1 1-0-1	..	..	..	..	298·9	- 0·1	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	Freetown, Sierra Leone	8 29	13 14	55·0	1005·5	1011·8	+ 2·1	302·5	308·0	Feb.11	295·5	292·4	Jun.22,25,Jly.19	299·0	298·4	- 1·1	2907	..
835	Assuantsi	5 18	1 15	97·3	1000·2	1011·3	..	302·7	307·4	Apr.15	294·2	288·0	Aug.1	298·5	297·9	0·0	1139	..
836	Accra	5 33	W. 0 12	17·7	1009·6	1011·7	+ 0·5	..	..	..	297·6	292·4	Aug.1,Oct.28	..	‡300·8	+ 0·5	721	..
837	Lagos	6 27	E. 3 24	3·0	1009·6	1010·0	- 0·8	303·3	306·3	Mar.,Apr.,Nov.	297·3	293·6	Jan.2,19	300·3	299·7	+ 0·2	1816	..
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	304·3	310·2	Dec.	294·5	289·1	Oct.10	299·4	298·8	..	5518	..
839	Yola	9 12	12 30	259	..	..	..	307·6	314·7	Mar.28	295·4	288·0	Jan.7,24,25	301·5	301·0	+ 0·5	907	..
841	§Wau	7 42	28 3	440	960·6	1009·4	+ 0·9	..	..	..	..	..	..	..	..	..	1048	..
843	Malakal (Kodok)	9 35	31 37	394	965·5	1009·4	+ 0·4	308·5	314·2	Mar.15	293·8	286·8	Jan.19	301·1	299·8	+ 0·3	629	..
843a	Mongalla	5 11	31 47	448	..	..	..	..	315·1	Feb.20	..	..	..	..	..	..	..	..
844	Entebbe	0 5	32 29	1171	884·6	1010·9	+ 0·7	298·8	303·0	Sept.13	290·5	288·0	6 months	294·7	294·2	+ 0·3	1363	..
845	Sheikh	9 55	45 15	1463	..	..	..	298·3	305·2	Aug.12,Sept.13	287·1	278·0	Apr.2	292·7	292·0	..	687	..
851	Minicoy	8 18	73 0	2·7	1011·4	1011·7	+ 0·2	303·7	307·2	May 4	298·1	294·6	Feb.21	300·9	300·3	..	1392	..
851a	Cochin	9 58	76 14	2·7	1011·8	1011·9	+ 0·7	302·8	307·1	Mar.23	297·3	293·7	Jan.13	300·1	299·5	- 0·3	3138	..
852	Colombo Observatory	6 54	79 52	7·3	..	1010·4	+ 0·9	303·1	306·9	Feb.26	296·8	291·3	Dec.21	299·9	299·3	+ 0·1	2958	..
853	Nuwara Eliya	6 58	80 46	1881	814·0	1012·5	+ 1·0	293·5	297·2	May 27	283·1	271·7	Feb.20	288·3	287·5	+ 0·1	2341	..
854	Trincomalee	8 35	81 15	30·2	..	1008·9	+ 0·8	303·5	308·3	Aug.19, Sept.26	297·6	294·5	Jan. 9	300·6	300·0	- 0·1	1971	..
855	Kuta Raja	5 32	95 20	7·1	..	..	..	304·2	307·9	Aug.2	295·5	291·9	June 27	299·9	299·2	+ 0·6	1445	..
856	Medan	3 35	98 41	25	..	1010·0	+ 0·1	305·5	308·0	Jan.,Apr.,Jun.	297·3	294·1	Jan.2	301·4	300·9	+ 0·9	1921	..
857	Penang	5 34	100 20	5·0	..	..	..	..	..	..	..	..	..	..	..	..	2440	..
857a	Butterworth	5 25	100 22	2·1	..	..	..	303·9	306·3	5 months	296·8	294·1	Jan.30,Feb.	300·3	299·6	..	2168	..
858	Singapore (Mt.Faber)	1 16	103 49	90·5	99·6	1010·0	+ 0·3	304·3	307·4	July 11	296·7	294·1	Jan.7,8,9	300·5	300·6	+ 0·1	2638	..
859	Sandakan	5 50	118 7	31·7	..	..	..	304·3	307·0	Apr.8	295·4	289·8	Feb.8	299·9	299·6	+ 0·4	1843	..
860	Iwahig	9 44	118 38	14·3	..	1009·1	+ 1·0	..	..	..	..	..	..	..	..	..	..	..
861	Tagbilaran	9 38	123 51	21·3	..	1009·3	+ 0·6	304·7	307·6	Apr.2,Aug.4	296·3	292·0	Feb.9	300·5	299·8	+ 0·1	1494	..
861a	Menado	1 30	124 50	8·5	..	1009·8	+ 0·9	303·5	307·6	Aug.17	295·8	290·2	Aug.10	299·7	299·4	+ 0·2	..	..
862	Surigao	9 48	125 29	6·0	..	1009·8	+ 1·0	303·2	307·2	Oct.12	297·0	292·9	Feb.9	300·1	299·7	+ 0·1	3396	..
863	§Kolonie, Yap	9 29	128 8	29·3	..	1009·8	+ 1·0	303·4	306·5	Nov.21	297·7	295·0	Dec.25	300·6	299·8	- 0·1	3496	..
864	Palau	7 20	134 29	31·8	1006·5	1010·1	..	302·5	304·7	May 11	297·2	294·6	July 4	299·9	299·7	..	3383	..
867	Ponape	6 58	158 13	38·9	1004·9	1009·3	..	302·3	305·4	Nov.10	296·7	293·6	Jly.24,Oct.17	299·5	299·3	..	4760	..
		N.	E.															

YEAR - ZONE 9. BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	8 32	172 31	1·8	1009·2	1009·4	..	302·4	305·4	Nov.24	300·4	297·1	July 6	301·4	301·1	..	4506	..
920	Lambayeque	6 46	80 55	15	1010·3	1012·0	..	303·0	309·0	Feb.20	290·4	285·0	July 19	296·7	295·4	..	..	..
921	Quito	0 14	78 30	2816	728·0	..	+ 0·2	294·2	299·5	Sept.18	281·1	276·2	Sept.7	287·6	286·3	+ 0·5	1181	..
923	Senna Madureira	9 4	68 40	135	..	..	..	305·8	310·0	Aug.5,24	293·2	283·9	Jly.6,Aug.13	299·5	298·3	..	2389	..
923a	São Gabriel do Rio Negro	0 8	67 5	85·0	1000·8	1010·7	..	304·4	309·8	Mar.28	295·3	291·9	July 8	299·8	298·6	..	2879	..
924	Manaos	3 8	60 1	43·8	..	..	..	304·1	308·6	Oct.28	295·3	292·0	July 7	299·7	299·5	- 0·1	2353	..
926	Taperinha	2 30	54 20	21·5	1009·4	1011·9	+ 0·5	304·4	308·5	Nov.21	295·8	293·7	July 16	300·1	299·2	+ 0·6	1420	..
927	Turyassu	1 43	45 26	9·1	1010·4	1011·5	+ 0·2	304·8	307·8	Nov.11	295·2	292·3	July 16	300·0	299·5	+ 0·5	1982	..
928	Barra do Corda	5 30	45 16	81·0	1002·7	1012·0	..	305·4	311·0	Oct.11	293·8	287·7	July 8	299·6	298·6	+ 0·3	1037	..
929	Quixeramobim	5 16	39 15	207	989·6	1013·0	+ 0·8	304·8	307·7	Nov.24	297·5	293·8	Mar.31	301·2	300·9	+ 0·5	407	..
930	Fernando Noronha	3 50	32 25	106	1001·1	1013·0	+ 0·2	301·5	303·7	Nov.7	297·3	294·2	Apr.27,Jly.28	299·4	298·6	+ 0·7	647	..
934	Ascension Island	7 56	W.14 25	·16·8	1013·7	1015·5	+ 0·9	..	..	..	..	..	..	..	298·2	+ 0·1	77	..
939	Loanda	8 49	E.13 13	59·3	..	1012·9	+ 0·4	299·1	317·0	May 11	294·4	288·0	Jly.10,Aug.12	296·7	296·3	- 0·2	239	..
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	293·5	299·4	Aug.	283·2	279·0	July	288·3	289·1	..	1908	..
943	Masaka	0 20	31 44	1280	..	..	..	300·6	304·7	Dec.29	290·3	287·4	July 8	295·4	294·7	..	1330	..
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	822·0	1015·4	..	294·4	299·5	Sept.13	285·4	279·7	Aug.3	289·9	289·1	..	1681	..
944a	Zanzibar	6 10	39 12	17·1	1013·5	1015·5	+ 0·4	302·1	305·2	Jan.27	297·5	294·2	Aug.21	299·8	299·2	0·0	1685	..
945	Lumi	2 16	40 50	3·0	..	..	..	301·8	304·7	Mar.20,27	296·8	292·4	Aug.5	299·3	298·9	- 0·7	873	..
947	Seychelles, Port Office	4 37	55 27	4·6	1011·4	1011·9	0·0	301·8	304·6	Mar.22	296·5	294·0	Nov.4	299·1	298·4	- 0·2	2202	..
957	Padang	0 56	100 22	6·7	..	1010·8	+ 0·2	303·7	306·2	Aug.6	296·5	294·2	Jan.9	300·1	299·5	+ 0·2	5567	..
958	Batevia	6 11	106 50	8·0	1009·5	1010·4	+ 0·5	304·0	308·0	Sept.28	296·6	293·7	June 22	300·3	299·8	+ 0·7	1479	..
958a	Pontianak	0 1	109 20	2·6	..	1010·1	+ 0·2	305·0	307·7	Mar.19	297·2	293·6	Aug.4	301·1	300·1	+ 0·5	2754	..
959	Pasuruan	7 38	112 55	5·0	..	1010·2	+ 0·3	304·2	306·7	Nov.1	295·9	290·0	July 8	300·1	299·9	+ 0·3	1134	..
960	Kajoemas	7 56	114 9	1060	..	..	..	301·8	..	..	..	..	..	..	..	..	2409	..
962	Amboina	3 42	128 10	4·2	..	1010·2	+ 0·7	303·3	307·6	Jan.28,Dec.28	297·2	293·1	Aug.10	300·3	299·9	+ 0·9	2176	..
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	2385	..
965	Daru	9 4	143 13	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
966	Port Moresby	9 29	147 9	38·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
967	Rabaul	4 9	152 12	12·5	1007·7	1009·2	+ 0·7	305·5	310·9	Oct.24	295·7	293·1	July 12	300·6	300·0	+ 0·1	2284	..
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	..	306·3	Apr.6,Nov.20	..	294·7	Jan.27	..	..	..	2343	..
970	Ocean Island	0 52	169 35	42·6	1004·9	1009·8	- 0·2	304·1	307·4	Nov.11	298·5	295·2	Jan.13	301·3	300·6	+ 0·3	3230	..
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
§Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure*			Temperature									Precipitation	
					Mean at Level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean *	Diff. from Normal	Total	Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samon	13 48	171 46	2·0	..	1009·6	- 0·5	302·3	304·8	Nov.28	296·9	293·3	July 15	299·6	299·5	+ 0·2	2317	-470
1003	§Alofi, Niue Island	19 2	169 55	19·8	..	1012·4	- 0·6	301·2	306·3	Jan.15,16,17	291·4	285·8	Apr.9	296·3	296·1	- 1·6	2240	+209
1021	Lima																	
1022	Arica																	
1024	La Paz, Bolivia	12 5	77 3	111	1000·0	1013·0	..	297·4	303·0	Mar.13	289·7	283·4	July 21	293·6	292·3	..	34	..
1025		18 28	70 20	5	..	..	..	294·4	299·0	Feb.21,22	288·1	285·0	Aug.7	291·3	..	+ 0·1	2	+ 1
1026	Corumba	16 30	68 8	3658	658·4	..	+ 0·4	290·2	297·6	Dec.15	277·2	271·9	July 9	283·7	282·5	0·0	752	+160
1027	Coyaba	18 59	57 39	116	997·4	1010·4	+ 0·1	304·5	313·2	Sept.24	293·4	280·6	July 5	299·0	298·5	+ 0·7	935	-256
1028	Bello Horizonte	15 36	56 6	165	991·9	1010·6	+ 0·2	305·8	312·5	Sept.22	293·6	283·1	July 5	299·7	298·6	+ 0·2	1207	-170
1029	Cantite	19 56	43 56	895	915·4	1013·9	+ 0·2	299·9	307·6	Jan.15	289·1	281·4	July 22	294·5	293·8	+ 0·8	1319	-239
1030	Oudira (Bahia)	14 3	42 37	897	916·5	1015·0	+ 0·8	300·7	308·1	Oct.16	289·6	284·0	Aug.10	295·2	295·0	+ 0·1	687	-170
	Aracaju	13 0	38 31	46·6	1009·0	1014·4	+ 0·2	300·8	305·1	Mar.3	295·4	292·4	July 25,27	298·1	298·0	+ 0·2	1639	-296
1035	§St. Helena	10 55	37 3	6·1	1014·0	1014·8	- 0·1	301·3	306·1	Feb.28	295·4	289·0	Aug.12	298·4	298·2	..	1389	..
1039		15 57	W. 5 40	579	947·9	1015·0	+ 0·4	..	..	..	286·9	283·6	Sept.16	..	288·9	+ 0·2	750	-13
1041	Mossamedes	15 12	E.12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041a	Livingstone	17 51	25 51	972	907·5	1013·4	..	303·3	315·6	Oct.31	288·2	275·8	Jun.17,Aug.2	295·7	..	- 0·1	798	+49
1042	Elisabethville	11 39	27 28	1230	877·2	1009·9	- 0·1	300·7	308·4	Nov.1	285·2	275·1	July 1	292·9	..	- 0·6	1386	+231
	Gwelo	19 26	29 45	1411	..	..	..	297·6	308·6	Oct.31	284·3	271·9	Jun.18,Sept.17	290·9	..	- 0·8	457	-204
1043	Salisbury (Dept.Agric.)	17 48	31 5	1489	855·2	1015·2	+ 0·7	297·6	305·8	Sept.29	285·1	274·7	Sept.17	291·3	290·6	- 0·2	604	-197
1044	Zomba	15 23	35 18	955	907·9	1012·1	+ 0·1	298·6	307·4	Oct.,Nov.,Dec.	288·8	280·8	Jun.14,Sept.16	293·7	293·0	- 0·1	923	-463
1045	Monteril	14 57	40 40	15	..	1014·8	..	303·3	..	..	293·4	285·6	July 2	298·3	298·1	..	889	..
1046	Antananarivo	18 55	47 33	1375	865·9	1014·8	+ 0·2	297·7	304·4	Nov.26	285·5	276·8	Aug.2	291·6	290·3	- 0·2	887	-469
1047	Cocos, Keeling Is. Christmas Island	12 5	96 53	4·6	1011·1	1011·8	- 0·4	302·8	305·2	Dec.20	297·9	294·3	Feb.7	300·4	300·0	+ 0·5	1601	-411
		10 25	105 43	5·5	1009·1	1009·8	+ 1·0	303·5	306·9	Jan.10,Feb.1	297·2	293·0	Aug.1	300·3	299·9	+ 0·1	1483	-641
1061	Kupang	10 10	123 34	45	1005·2	1010·3	0·0	305·4	311·5	Nov.1	296·0	291·1	Aug.22	300·7	300·1	+ 0·7	991	-452
1061a	Derby	17 18	123 40	16·2	1010·1	1011·8	+ 0·5	306·9	315·7	Nov.18	295·3	284·6	June 13	301·1	..	+ 0·6	854	+198
1062	Hall's Creek	18 13	127 46	373	970·9	1012·3	+ 0·7	305·8	314·2	Nov.28	290·6	276·9	June 20	298·2	297·6	- 0·4	895	+364
1063	Daly Waters	12 28	130 51	29·6	1007·0	1010·4	+ 0·9	305·4	309·8	Oct.30	296·6	288·9	June 19	301·0	299·9	- 0·1	1018	-516
1064	Palmerville	16 16	133 23	211	987·3	1010·8	+ 0·7	306·9	314·1	Jan.,Nov,Dec.	291·8	279·7	June 18	299·3	298·7	- 0·6	857	+185
1064a	Georgetown, Queensland	15 56	144 8	210	987·6	1011·2	+ 1·0	304·8	312·6	Nov.14,15	291·6	280·9	June 19	298·2	..	- 0·5	1224	+162
	Willis Island	18 22	143 32	302	979·0	1012·8	+ 1·0	304·9	312·4	Nov.15	290·4	275·2	June 18	297·7	..	- 0·5	568	-239
1067		16 18	149 59	8·5	1011·1	1012·2	+ 0·8	301·0	305·0	Dec.22,31	296·4	291·9	Sept.6	298·7	298·7	- 0·2	1448	+355
1072	Samarai	10 37	150 40	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Suva, Fiji	18 8	178 26	6·1	1011·1	1011·8	+ 0·5	300·6	306·3	Jan.14,Mar.10	294·8	287·4	Sept.7	297·7	297·5	- 0·3	2615	-360
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S. YEAR - ZONE 11 (AMERICA, AFRICA).

1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	300·1	305·2	Jan.8	292·8	284·1	Aug.16	296·4	296·2	- 0·3	2226	+153
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	..	..	..	292·2	297·8	Feb.1	286·5	280·6	Aug.18	289·3	..	+ 1·4	190	+65
1122	Antofagasta	23 42	70 24	94	..	..	..	294·3	299·8	Apr.4	287·6	280·5	July 14	290·9	..	+ 0·5	28	+13
1124	Catamarca	28 29	65 47	528	952·5	1012·1	+ 1·1	300·8	316·5	Jan.1,25	288·0	271·0	July 18	294·4	293·9	+ 0·7	541	+188
	Salta	24 46	65 24	1182	..	..	..	..	..	..	..	..	..	..	..	..	551	-157
1125	Goyz																	
1126	Asuncion	29 9	59 15	37	1009·3	1013·6	+ 0·4	..	312·8	Feb.4	288·6	273·2	July 16	..	293·9	+ 1·0	1240	+170
1127	Curityba	25 17	57 41	93	1003·4	1014·1	+ 1·5	302·0	312·8	Mar.15	291·9	275·3	July 16	297·0	296·4	+ 0·8	1449	+64
1128	Rio de Janeiro	25 25	49 17	908	914·5	1016·2	+ 0·3	295·9	304·7	Mar.13	285·1	267·7	July 17	290·5	289·5	+ 0·2	1204	-193
1129	Windhoek	22 54	W.43 10	18·3	1013·0	1015·1	+ 0·1	299·1	309·0	Jan.13	293·1	285·2	July 17	296·1	296·1	+ 0·4	922	-176
1130	Okiep																	
1131	§Kimberley	22 34	E.17 6	1727	831·7	1013·7	..	298·5	306·7	Nov.5	285·2	269·8	Aug.11	291·8	291·2	- 0·3	130	-247
1132	Johannesburg	29 36	17 52	933	912·7	1017·1	+ 0·9	297·3	310·8	Jan.7	283·2	273·6	Aug.26	290·3	289·8	0·0	224	+54
1133	Bulawayo	28 44	24 46	1218	882·5	1015·7	+ 0·8	298·9	310·8	Feb.7	283·9	273·1	Sept.15	291·4	291·1	+ 0·4	286	-124
1142		26 11	28 4	1886	825·3	1017·1	+ 0·4	294·5	304·5	Feb.7	282·7	270·7	Sept.15	288·6	288·2	+ 0·2	571	-273
1143	Durban	20 9	28 35	1349	870·2	1016·4	+ 0·2	298·6	309·1	Oct.29,31,Nov.1	284·6	273·6	July 4	291·6	292·1	- 0·5	546	-58
1144	Lourenço Marques	29 52	31 3	15·2	1017·1	1018·9	0·0	297·4	306·6	Dec.10	290·3	282·0	Aug.1	293·8	293·3	- 0·1	989	-94
1147	Mauritius	25 58	32 36	59·5	..	1018·0	+ 0·7	299·9	313·5	Nov.20	290·4	281·8	Aug.1	295·2	294·6	- 0·4	773	-21
		20 6	57 33	55·2	1009·7	1016·1	0·0	299·8	304·6	Nov.26	292·7	285·5	Aug.18	296·2	295·9	- 0·1	914	-347
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

YEAR - ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	Pressure* Mean at Level of Station	Pressure* Mean at M.S.L.	Pressure* Diff. from Normal	Temperature Mean Max. A	Temperature Absolute Max.	Temperature Date	Temperature Mean Min. B	Temperature Absolute Min.	Temperature Date	Temperature Mean of A and B	Temperature †24 hr. Mean	Temperature Diff. from Normal	Precipitation Total	Precipitation Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	
1159	ǿOnslow	21 43	114 57	4·3	1010·6	1011·0	- 0·5	303·7	319·4	Jan.28	290·8	280·2	Aug.21	297·3	..	- 0·2	243	+2
1160	ǿCue	27 27	117 52	454	962·6	1013·5	- 0·1	301·8	318·1	Feb.16	288·4	275·1	July 19	295·1	..	+ 0·6	183	+1
1161	Nullagine	21 53	120 5	386	..	..	..	305·9	318·0	Jan.9	289·5	276·3	May 19	297·7	..	+ 0·2	530	+98
1162	Laverton	28 40	122 23	466	962·5	1015·1	- 0·1	301·2	318·2	Feb.13	287·3	273·2	Aug.1	294·2	294·1	+ 1·0	311	+2
1163	Alice Springs	23 38	133 37	587	948·6	1014·1	+ 1·0	301·1	312·4	Dec.23	286·8	270·8	June 19	293·9	293·9	0·0	262	+1
1164	William Creek	28 55	136 21	76·2	1008·0	1016·7	+ 1·2	301·0	317·6	Feb.14	287·1	274·6	Aug.5	294·1	293·8	+ 0·8	211	+1
1164a	Boulia	22 55	139 38	146	995·9	1012·5	+ 0·8	304·8	317·0	Dec.22	289·4	276·4	June 21	297·1	297·1	0·0	206	+1
1165	Thargomindah	27 58	143 43	123	1001·0	1015·1	+ 1·2	300·7	314·7	Feb.16	288·8	275·8	June 9	294·7	294·4	+ 0·1	268	+2
1166	Mitchell	26 32	147 52	336	977·8	1016·3	+ 1·9	299·6	313·7	Feb.16	285·2	269·9	Aug.13	292·4	..	+ 0·1	516	+3
1167	Rockhampton	23 24	150 30	11·3	1014·4	1015·7	+ 1·2	300·6	310·3	Nov.14	290·1	277·5	Aug.13	295·3	294·6	- 0·5	1425	+1
1168	Brisbane	27 28	153 2	41·8	1015·1	1017·6	+ 1·7	298·2	308·9	Nov.13	288·6	277·8	June 9	293·4	292·8	- 0·1	1047	+2
1170	Norfolk Island	29 4	167 59	14·9	1017·1	1018·9	+ 2·5	294·3	303·6	Jan.28	289·4	282·4	Sept.10,17	291·9	291·5	- 0·3	987	+1
		S.	E.															

YEAR - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 52	6	..	..	..	292·0	298·0	Jan.Feb.24	286·3	277·1	Aug.18	289·1	..	+ 0·5	876	+3
1221a	Punta Tumbes	36 37	73 6	120	..	..	..	289·5	297·2	Feb.26	282·9	275·6	July 14	286·2	..	+ 0·7	1360	+6
1222	Punta Angeles, Valparaiso	33 1	71 38	41	..	..	..	292·8	302·5	Mar.1	284·3	277·0	July 4,5	288·5	..	+ 0·7	639	+3
1222a	Santiago	33 27	70 42	520	..	..	..	294·7	305·6	Dec.18	282·3	271·7	Sept.1,July.4	288·5	..	+ 0·8	500	+3
1223	Cordoba	31 25	64 12	423	964·3	1012·9	- 0·5	297·6	313·4	Feb.17	284·7	268·0	July 3	291·2	290·7	+ 0·8	829	+5
1224	Bahia Blanca	38 45	62 16	28·7	1011·2	1014·6	+ 0·3	295·5	313·2	Jan.22	283·5	266·5	July 16	289·5	289·2	+ 0·8	535	+3
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1012·3	1015·3	- 0·2	295·0	309·2	Jan.12	285·2	269·7	July 16	290·1	289·8	+ 0·7	1257	+4
1226	ǿMontevideo (Prado)	34 52	56 12	24·9	1012·1	1015·4	+ 0·2	294·2	310·2	Feb.12	284·9	272·4	July 17	289·5	289·4	+ 0·1	1309	+5
1226a	Porto Alegre	30 2	W.51 13	23·5	1012·4	1015·2	- 0·4	297·5	310·3	Mar.12	288·1	274·0	July 17	292·8	292·5	+ 0·4	1552	+6
1239	Cape Town	33 56	E.18 29	12·2	1017·0	1018·5	+ 1·8	295·8	313·0	Mar.15	285·4	275·1	June 14	290·6	289·2	+ 0·8	417	+1
1240	Danger Point	34 37	19 18	27·7	..	..	..	291·7	302·4	May 18	285·2	276·9	Aug.27, Sept.7	288·4	..	- 0·4	471	+2
1241	Riversdale	34 6	21 16	61·0	..	..	..	297·7	311·3	Feb.5	282·7	273·0	July 11,12, Aug.2	290·2	..	- 0·1	445	+2
1242	East London	33 1	27 54	45·4	1013·0	1018·4	+ 1·3	295·1	305·4	May 12	286·8	278·6	July 11	290·9	..	- 0·3	782	+4
1259	Perth (Observatory)	31 57	115 51	60·0	1009·0	1016·1	- 0·4	296·5	315·2	Jan.20	286·6	278·0	July.21,Aug.2	291·6	292·4	+ 0·7	1020	+3
1260	ǿKatanning	33 42	117 35	310	980·0	1016·0	- 0·1	295·8	316·8	Jan.20	283·3	275·8	Jun.13,Aug.19	289·6	..	+ 1·1	493	+3
1261	ǿCoolgardie	30 57	121 10	423	967·7	1015·9	+ 0·2	298·9	319·1	Jan.31	284·6	273·6	July 31	291·8	292·7	+ 0·7	253	+1
1262	Eucla	31 45	128 58	4·6	..	..	..	..	316·3	Jan.8	..	273·0	July 20	..	..	..	262	+1
1263	Streaky Bay	32 48	134 13	13·1	1016·7	1018·0	+ 0·9	296·8	316·9	Jan.7	285·6	275·7	June 19	291·2	290·6	+ 0·9	221	+1
1264	Adelaide	34 56	138 35	42·7	1013·3	1018·6	+ 1·5	296·8	317·7	Feb.9	285·7	275·7	June 19	291·3	291·0	+ 1·1	473	+2
1265	Melbourne	37 49	144 58	35·1	1013·9	1018·0	+ 1·7	293·4	312·7	Feb.9	283·2	274·0	Aug.23	288·3	288·0	+ 0·6	640	+1
1266	Bourke	30 13	145 58	110	1006·0	1018·8	+ 1·8	300·1	316·9	Feb.15	286·7	272·4	July 30	293·4	..	- 0·3	391	+2
1267	Sydney	33 51	151 13	42·1	1012·5	1017·5	+ 1·7	294·4	314·1	Feb.22	286·8	278·1	June 8	290·6	290·1	+ 0·3	1128	+3
1268	Lord Howe Island	31 20	159 0	4·9	1017·5	1018·1	+ 1·6	294·8	301·5	Feb.23	288·9	281·3	Aug.18,19,23	291·9	..	- 0·2	1980	+4
1271	Auckland	36 51	174 48	13·4	..	1016·2	+ 0·9	291·3	302·2	Dec.27	283·9	273·7	July 31	287·6	..	- 0·5	1189	+1
1272	Napier	39 29	176 55	1·5	..	..	..	290·4	304·4	Jan.7	281·5	271·2	July 26	286·0	..	- 1·2	666	+1
		S.	E.															

YEAR - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 52	176 42	45·7	..	1010·8	+ 0·6	..	..	..	..	..	..	..	..	..	835	+2
1321	Isla Guafo	43 34	74 45	140	..	..	..	284·5	295·2	Dec.26	281·0	273·1	Aug.2	282·7	..	+ 0·1	1190	+4
1322	ǿPunta Galera	40 1	73 44	40	..	..	..	..	295·5	Apr.4	282·2	273·2	July.21,Aug.3	..	..	..	1925	+7
1323	Sarmiento	45 33	69 1	272	979·1	1011·6	+ 1·0	290·0	306·5	Feb.21	277·7	260·3	July 17	283·8	283·6	- 0·1	131	+1
1324	Puerto Madryn	42 46	W.65 2	14	1011·6	1013·3	+ 1·6	292·4	310·6	Jan.31	278·5	261·4	July 16	285·4	285·5	0·0	269	+1
1365	Launceston	41 27	E.147 10	81·1	1006·8	1016·4	+ 3·4	291·7	308·2	Feb.2	280·6	269·7	June 22	286·1	285·3	+ 0·8	790	+3
1366	Hobart	42 53	147 20	53·9	1008·2	1014·8	+ 2·5	290·1	307·2	Jan.9	281·4	272·8	June 25	285·7	284·9	+ 0·3	492	+2
1369	Invercargill	46 25	168 21	3·7	..	..	..	286·9	300·8	Feb.16	278·0	268·6	Jly.6,Aug.23	282·4	..	- 0·6	1068	+3
1370	Alexandra	45 15	169 24	159	..	..	..	288·3	303·0	Jan.6,23	276·6	263·6	Aug.2	282·4	282·2	..	255	+1
1371	Dunedin	45 52	170 31	6·1	..	1012·6	+ 0·5	287·3	303·0	Jan.23	278·9	271·1	July 9	283·1	..	- 0·3	851	+2
1371a	Christchurch	43 32	172 39	7·6	..	1013·2	+ 1·1	287·9	305·2	Dec.27	278·7	268·9	June 5	283·3	..	- 1·1	584	+2
1372	Wellington	41 16	174 46	128	..	1014·2	+ 0·2	287·6	298·0	Feb.4	281·1	273·2	Sept.8	284·3	283·9	- 1·7	969	+3
		S.	E.															

YEAR - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	ǿIslote de los Evangelistas	52 24	75 6	55	..	..	..	280·9	287·3	Apr.14	276·8	265·8	June 19	278·9	..	- 0·1	1936	+3
1422	Magallanes (Punta Arenas)	53 10	70 54	28	..	..	..	282·6	296·5	Feb.27	275·9	266·5	Jly,Aug.2	279·3	..	- 0·2	217	+1
1423	Punta Dungeness	52 24	68 26	5	..	..	..	..	296·0	Apr.6,Nov.14	..	268·0	Aug.7	..	..	..	267	+1
1424	Santa Cruz	50 1	68 31	13	..	..	..	..	..	..	..	256·0	Aug.3	..	..	..	196	+1
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1002·9	+ 0·4	282·2	293·0	Feb.21	274·3	265·8	July4,12	278·2	..	- 0·5	627	+1
1426	Cape Pembroke	51 41	57 42	21·3	999·5	1002·1	+ 0·1	281·1	290·8	Nov.22	275·2	268·0	July 4	278·2	278·4	- 0·6	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	993·3	993·7	- 3·1	277·0	292·1	Mar.1	271·3	259·8	Aug.19	274·2	274·2	- 0·5	1494	+2
		S.	W.															

YEAR - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	S. 60 43 ° ′	W. 44 47 ° ′	7 metres	990·2 mb.	991·1 mb.	- 1·6 mb.	269·5 °A.	281·8 °A.	Nov.15	262·6 °A.	239·8 °A.	June 26	266·0 °A.	266·0 °A.	- 2·5 °A.	381 mm.	+1

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics. ǿChange of normals, see Table of Authorities, pages 107-8.

RÉSEAU MONDIAL, 1930

TABLE SHOWING THE AUTHORITIES FOR THE METEOROLOGY OF THE GLOBE FOR THE YEAR 1930, AND THE PERIOD OF THE NORMALS, TOGETHER WITH THE HOURS OF OBSERVATION, FORMULAE FOR MEANS, ETC.

Between Latitude 80°N. and 70°N. P = Barometric Pressure. T = (M+m) Temperature. t = True Mean Temperature R = Precipitation ZONE 1.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
101	Wrangell Island	..	..	..
102	Barrow	Washington, D.C., U.S. Dept.Agric., Climatological Data, Alaska Section, 1930.	P, 1921-30. T, R, 10 yrs., 1917-30.	c P (Jan.to July) = ½(8+20). P (Aug.to Dec.) = ½(2+14).
125	Upernivik	Copenhagen, Dansk Meteor. Aarbog, 1930.	P, 1874-1920. t, R, 1873-1920.	e P = ¼(8+14+21). t = ⅛[2(8+14)+5x21] 45° W. meridian time.
131	Myggbukta	MS. data supplied by Norweg. Meteor. Inst., Oslo.	..	klw P = ¼(8+14+19). t derived from ½(2+8+14+19).
132	Scoresbysund	See No. 125.	..	e P = ¼(8+14+21). t = ⅛[2(8+14)+5x21] 30° W. meridian time.
135	Jan Mayen	Oslo, Jahrb. d. Norweg. Meteor. Inst., 1931.	P, t, R, 10 yrs., 1921-31.	cek P = ½(2+8+14+19). t = p - k (p-min.) where p is the mean of the three fixed daily observations and k is a factor varying with the station and month.
139	Spitsbergen	..	..	..
140	Björnöen	Do. do.	P, t, R, 1912-26.	ce P = ½(8+14+19). t = mean of bi-hourly observations. Absolute maxima taken from bi-hourly readings.
141	Ingøy	Do. do.	P, t, R, 1920-29.	cek P = ¼(8+14+19). t, see Jan Mayen, No. 135.
142	Slettnes	Oslo, Jahrb. d. Norweg. Meteor. Inst., 1930.	P, t, R, 1922-31.	ekw P = ¼(8+13½+19). t, see Jan Mayen, No. 135.
143	Vardø	Do. do.	P, 25 yrs., 1898-1923.	ekw P = ¼(8+14+19). t, see Jan Mayen, No. 135.
		Do. do.	P, 1866-1921. t, 1861-1920. R, 1893-1928.	ekw P = ¼(7½+13+18). t, see Jan Mayen, No. 135. Pressure values Sept. to Dec., have been reduced to old height of 11·8m.
147	Malye Karmakouly	..	..	..
148	Malgatz	Washington, Smiths. Inst., Misc. Coll., 90, 1934.	P, 16 yrs., 1896-1920. t, 39 yrs., 1876-1928. R, 15 yrs., 1896-1925.	e P = ⅛[2(8+14)+5x21].
153	Dickson	Do. do.	P, 10 yrs., 1916-28. t, 10 yrs., 1915-26. R, 10 yrs., 1915-27.	e Do. do.
156	Houlouns	Do. do.	P, t, R, 10 yrs., 1916-27.	e Do. do.
		..	..	..

Between Latitude 70°N. and 60°N. ZONE 2.

201	Preobrajenye	..	..	..
202	Savoonga	..	..	..
203	Nome	Washington, D.C., U.S. Dept. Agric., Climatological Data, Alaska Section, 1930.	..	..
204		Washington, D.C., U.S. Dept. Agric., Climatological Data, Alaska Section, 1930 and Rep. of Chief of Weather Bureau, 1930-1.	P, 15 yrs., 1918-33. T, R, 19 yrs.	cq P (Jan.to July) = ½(6+17). P, t (Sept.to Nov.) = ½(2+14). t (Jan.to July) = ¼(6+17+M+m).
205	Bethel	See No. 202.	T, R, 10 yrs., 1923-33.	c P (Jan.to July) = ½(6+18). P (Aug.to Dec.) = ½(1+13).
206	Tanana	..	..	..
207	Rampart	See No. 203.	P, 1918-32. T, R, 25 yrs.	cq P (Jan.to July) = ½(7+18½). P, t (Aug.to Dec.) = ½(1½+13). t (Jan.to July) = ¼(7+18½+M+m).
208	Valdez	See No. 202.	T, R, 19 yrs.	..
209	Eagle	Do.	..	..
210	Dawson	See No. 203.	P, 1917-31. T, 25 yrs., 1882-1926. R. 35 yrs., 1882-1933.	cq P (Jan.to July) = ½(8+20). P, t (Aug.to Dec.) = ½(3+15). t (Jan.to July) = ¼(8+20+M+m).
211	Aklavik	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1930.	T, R, 1897-1926	enq P = ½(8+20). t = ¼(8+20+M+m).
212	Fort Good Hope	Do. do.	..	en P t (Jan.to Mar., Yr.) = ½(8+20). t (Apr.to Dec.) = ¼(8+20+M+m).
213	Fort Simpson	Do. do.	T, 1908-28. R, 1898-1932.	en P = ½(8+20).
214	Hay River	Do. do.	T, R, 1897-1927.	en P = ½(8+20). t = ¼(8+20+M+m).
215	Jacobshavn	Do. do.	T, R, 1893-1928.	en Do. do.
216	Godthaab	Copenhagen, Dansk Meteor. Aarbog, 1930.	P, t, R, 1873-1920.	ce P = ⅓(8+14+21). t = ⅛[2(8+14)+5x21].
217	Ivigtut	Do. do.	t, 1875-1920. R, 1873-1917.	c t = ⅛[2(8+14)+5x21].
218	Angmagsalik	Do. do.	P, 1878-1920. t, 1879-1920. R, 1875-1920.	ce P = ⅓(8+14+21). t = ⅛[2(8+14)+5x21].
219		Do. do.	P, t, 35 yrs., 1894-1930. R, 25 yrs., 1897-1923.	ce Do. do.
221	Stykkisholm	Reykjavik, Mánadaryfirlit samid á vedurstofunni, 1930.	P, 1845-1923. t, 1846-1900. R, 1856-1923.	c Do. do.
222	Westmanno	Do. do.	P, 1881-1923. t, 1878-1916. R, 1880-1923.	c Do. do.
223	Grimsey	Do. do.	P, 1874-1918; '20-23. t, 1875-1916. R, 42 yrs., 1874-1923.	c Do. do.
224	Teigarhorn	Do. do.	P, 1872-1923. t, 1873-1916. R, 1873-1923.	c Do. do.
225	Hólvik	See No. 225.	P, 1872-1920. T, R, 1873-1922.	ce Do. do.
226	Lerwick	London, Monthly Weather Rep. of Meteor. Office, 1930.	P, 1871-1915. T, R, 1881-1915.	c P, t = ¼(1+7+13+18).
227	Bergen (Fredriskberg)	Oslo, Jahrb. d. Norweg. Meteor. Inst., 1930 and MS. data.	P, (1860-1926). t, 1904-28. R, 1765-70; 1861-1921.	ew P = ⅓(8+14+19). t, see Jan Mayen, No. 135.
228	Aalesund	Oslo, Jahrb. d. Norweg. Meteor. Inst., 1930.	P, (1851-1900). t, 1861-1920. R, 43 yrs., 1867-1926.	ekw Do. do.
229	Trondheim	See No. 237.	P, 1874-1913. t, 1861-1920. R, 1876-1925.	ce Do. do.
230	Sodö	See No. 238.	P, R, 1868-1920. t, 1861-1920.	cek Do. do.
231	Haparanda	Stockholm, Statens Meteor.-Hydrogr. Anstalt, Arsbok XII, 1930.	P, 1860-1920. t, 1859-1920. R, 1860-1924.	ew P = ⅓(8+14+21). t derived from these hours.
232	Helsingfors	Helsingfors, Jahrb. Meteor. Zentral-Anst., Pt. I, 1930.	P, 1882-1920. t, 1829-1923. R, 1844-1924.	ce P = mean of 24 hrs. t derived from ¼(7+15+2x21).
233	Kuopio	Do. do.	P, 1884-1928. t, 35 yrs., 1884-1919. R, 1886-1920.	ce P = ⅓(7+15+21). t derived from ¼(7+15+2x21).

Zone 2-continued

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
243	Kola	..	..	..
244	Petrozavodsk	..	..	..
245	Arkhangelsk	Washington, Smiths. Inst., Misc. Coll., 90, 1934.	P, 1851-1917. ℄, 1813-1917. R, 1871-1917.	e P = ⅓(7+13+21). ℄ derived from these hours.
246	Mezen	..	..	..
247	Oust-Tsylma	See No. 245.	..	..
248	Tcherdyn	..	P, 26 yrs., 1890-1922. ℄, 35 yrs., 1890-1930. R, 35 yrs., 1889-1930.	e P = ⅓(7+13+21). ℄ derived from these hours.
249	Berezov	See No. 245.	..	..
250	Obdorsk	..	P, 25 yrs., 1887-1920. ℄, 35 yrs., 1881-1920. R, 35 yrs., 1878-1920.	e P = ⅓(7+13+21). ℄ derived from these hours.
251	New Port	..	..	..
252	Sourgout	See No. 245.	..	..
253	Doudinka	..	P, 35 yrs., 1887-1924. ℄, 37 yrs., 1884-1922. R, 35 yrs., 1884-1923.	e P = ⅓(7+13+21). ℄ derived from these hours.
254	Touroukhansk	See No. 245.	..	..
261	Viliouisk	..	P, (1871-95). ℄, 35 yrs., 1843-44; '77-1920. R, 35 yrs., 1877-1922.	e P = ⅓(7+13+21). ℄ derived from these hours.
262	Iakoutsk	See No. 245.	..	..
263	Verkhoïansk	Do.	P, 33 yrs., 1888-1926. ℄, 35 yrs., 1888-1924. R, 35 yrs., 1837-1918.	e P = ⅓(7+13+21). ℄ derived from these hours.
264	Pétropavlovskoe	..	P, 15 yrs., 1901-20. ℄, 35 yrs., 1883-1928. R, 25 yrs., 1886-1916.	e Do. do.
268	Naiakhan	..	..	..
271	Novo Mariinskii Post	See No. 245.	..	..
			P, 13 yrs., 1898-1927. ℄, 16 yrs., 1898-1927. R, 15 yrs., 1898-1927.	e P, ℄ = ⅓(7+13+21).

ZONE 3.

Table showing the Authorities for the Meteorology of the Globe between Latitude 60°N. and 50°N.

302	St. Paul Island	Washington, D.C., U.S. Dept. Agric., Climatological Data, Alaska Section, 1930.	P, 1917-32. T, 15 yrs. R, 23 yrs.	c P = ½(6+18).
303	Futch Harbor (Radio)	Washington, D.C., U.S. Dept. Agric., Climatological Data, Alaska Section, 1930 and Rep. of Chief of Weather Bureau, 1930-1.	P, 1917-32. T, 25 yrs., 1872-86; 1905-25. R, 25 yrs., 1905-33.	cq P, ℄ = ½(1+13).
304	Chernofski Harbor	See No. 302.	..	..
305	Dillingham	Do.	..	..
306	Kodiak (Radio)	See No. 303.	T, 10 yrs., 1919-29. R, 10 yrs., 1919-30. P, 15 yrs., 1918-33. T, 1917-31. R, 25 yrs., 1898-1930.	cq P, ℄ = ½(2+14).
309	Sitka	See No. 302.	T, 43 yrs. R, 61 yrs., 1842-1921. P, 1911-25. T, 1909-23. R, 1910-24.	..
310	Prince Rupert	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1930.	..	en P = ⅓(8+20). ℄ = ½(8+20+Mm).
311	Prince George	Do. do.	T, R, 1912-33.	en Do. do.
312	Kamloops	Do. do.	P, 1911-30. T, 35 yrs., 1891-1927. R, 1895-1929.	en Do. do.
313	Calgary	Do. do.	P, 1894-1928. T, 1884-1923. R, 1884-1920.	en Do. do.
314	Fort Smith	Do. do.	T, R, 1913-34.	en Do. do.
315	Prince Albert	Do. do.	P, 1897-1931. T, 1885-1925. R, 1884-1920.	en Do. do.
316	Qu'Appelle	Do. do.	P, 1892-1926. T, R, 1883-1920.	en Do. do.
317	Minnedosa	Do. do.	P, 1895-1929. T, 1881-1933. R, 1883-1917.	en Do. do.
318	Berens River	Do. do.	T, 1886-1917. R, 1886-1920.	en Do. do.
319	Pagwa	Do. do.	T, R, 1918-30.	..
320	Moose Factory	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1929 and Washington, Smiths. Inst., Misc. Coll., 90, 1934.	T, 35 yrs., 1890-1926. R, 1895-1927.	..
321	Fort George	..	..	en P, ℄ (Jan., Feb., Yr.) = ⅓(8+20). ℄ (Mar. to Dec.) = ¼(8+20+Mm).
322	Mistassini Post	See No. 310.	..	..
323	Natashquan	Do.	T, R, 1894-1900; '14-28.	..
326	Belle Isle	..	T, R, 15 yrs., 1914-30.	..
333a	62°-57°N. 20°-15°W.	MS. data supplied by Danske Meteor. Inst., Copennagen and Meteor. Office, London.	Sea Temperature, 1876-1915.	..
334	Valentia Observatory	London, Observatories' Year Book, 1930.	P, ℄, 1871-1915. R, 1871-1920.	Insufficient data Jan. and Mar.
335	Aberdeen	Do. do.	P, ℄, 1871-1915. R, 1871-1920.	P, ℄ = mean of 24 hrs.
336	Greenwich	London, Monthly Weather Rep. of Meteor. Office, 1930.	P, 1854-1920. ℄, R, 1881-1915.	Do.
				Do.

ZONE 3-continued

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
337	Uccle	MS. data supplied by Inst. Roy. Météor. de Belgique.	P, 1833-1904. T, 1886-1920. R, 1887-1926.	e P = mean of 24 hrs. ℄ = mean of bi-hourly observations.
338	De Bilt	De Bilt, K. Nederlandsch Meteor. Inst., Jaarboek, 1930.	P, R, 1849-1920. ℄, 1849-1929.	e P, ℄ = mean of 24 hrs.
338a	Hamburg	Hamburg, D. Seewarte, Ergebn. d. Meteor. Beob., 1930.	P, ℄, R, 80 yrs.	e Do.
339	Copenhagen (Meteor. Inst.)	Copenhagen, Danske Meteor. Aarbog, 1930.	P, 1842-1917. ℄, 1768-76; '82-88; '98-1920. R, 1820-1920.	ce P = ¼ (8+14+21). ℄ derived from these hours. Temp. and rainfall data refer to the Landbohøjskolen, 55°41'N. 12°33'E., 13m.
340	Potsdam	Berlin, Ergebn. d. Meteor. Beob. in Potsdam, 1930.	P, 1851-1916. ℄, 1893-1927. R, 1877-1916.	e P, ℄ = mean of 24 hrs.
340a	Uppsala	Uppsala, Bull. Mens de l'Obs. Météor., 1930.	P, 1860-1920. ℄, 1855-1920. R, 1851-1924.	e Do.
341	Warsaw	Warsaw, Ann. de l'Inst. Météor., Pologne, 1930.	P, 1885-1920.	e P = ½(7+13+21). ℄ = ¼(7+13+2x21).
342	Tartu (Ülikooli)	Tartu, Meteor. Jahrb. für Eesti, 1930.	P, ℄, R, 1866-1915.	e P, ℄ = mean of 24 hrs.
343	Leningrad	Washington, Smiths. Inst., Misc. Coll., 90, 1934.	P, ℄, 1871-1915. R, 90 yrs., 1778-97; 1835-1915.	e P = ⅓(7+13+21). ℄ derived from these hours.
344	Kliv	..	..	..
344a	Moscow	See No. 343.	P, 1871-1915. ℄, 1881-1915. R, 61 yrs., 1853-1915.	e P = ½(7+13+21). ℄ derived from these hours.
345	Saratov	..	..	..
346	Kazan	Kazan, Bull. Météor. de l'Obs. de Géophys. de l'Univ., 1930.	P, ℄, 1881-1915. R, 1876-1925.	e P = ⅓(7+13+21). ℄ derived from these hours.
347	Orenburg	See No. 343.	P, ℄, 1886-1920. R, 37 yrs., 1885-1922.	e Do. do.
348	Perm	Do.	P, 1885-1922. ℄, 1883-1922. R, 35 yrs., 1882-1917.	e Do. do.
349	Sverdlovsk	Do.	P, ℄, 1881-1915. R, 1836-1922.	e Do. do.
350	Tobolsk	Do.	P, 35 yrs., 1887-1927. ℄, 35 yrs., 1884-1924. R, 42 yrs., 1841-1922.	e Do. do.
351	Akmolinsk	Do.	P, 25 yrs., 1896-1927. ℄, 35 yrs., 1881-1923. R, 36 yrs., 1873-1919.	e Do. do.
352	Omsk	Do.	P, 35 yrs., 1887-1930. ℄, 35 yrs., 1885-1927. R, 35 yrs., 1875-1923.	e Do. do
353	Barnaoul	Do.	P, ℄, 1881-1915. R, 81 yrs., 1838-1922.	e Do. do.
354	Tomsk	Do.	P, ℄, 1881-1915. R, 45 yrs., 1874-1922.	e Do. do.
355	Minoussinsk	Do.	P, 35 yrs., 1889-1926. ℄, 35 yrs., 1885-1923. R, 35 yrs., 1874-1926.	e Do. do.
356	Enisseisk	Do.	P, 35 yrs., 1889-1925. ℄, 1881-1915. R, 48 yrs., 1871-1922.	e Do. do.
357	Irkutsk	Do.	P, 1881-1926. ℄, 1881-1920. R, 1887-1921.	e Do. do.
358	Kirensk	Do.	P, 25 yrs., 1896-1924. ℄, 35 yrs., 1892-1929. R, 27 yrs., 1892-1922.	e Do. do.
359	Tchita	Do.	P, ℄, 35 yrs., 1890-1929. R, 25 yrs., 1887-1915.	e Do. do.
360	Nertchinskii Zavod	Do.	P, ℄, 1881-1918. R, 74 yrs., 1839-1919.	e Do. do.
361	Tygan Ourkan	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	See No. 343.	P, 25 yrs., 1890-1921. ℄, 35 yrs., 1881-1921. R, 35 yrs., 1877-1926.	e P = ⅓(7+13+21). ℄ derived from these hours.
364	Chantar Bolchoy	..	..	..
365	Nikolaevsk-sur-Amour	See No. 343.	P, 47 yrs., 1871-1919. ℄, 60 yrs., 1854-1919. R, 51 yrs., 1860-1919.	e P = ⅓(7+13+21). ℄ derived from these hours.
366	Okhotsk	Do.	P, 20 yrs., 1890-1930. ℄, 21 yrs., 1890-1930. R, 25 yrs., 1846-1929.	e Do. do.
368	Petropavlovsk (Phare)	Do.	P, 25 yrs., 1891-1930. ℄, 33 yrs., 1890-1930. R, 35 yrs., 1846-1928.	e Do. do.
369	Kluchevskoye	..	..	..
370	Nikolskoe	..	..	..

Table showing the Authorities for the Meteorology of the Globe between Latitude 50°N. and 40°N.

ZONE 4.

411	Victoria, B.C.	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1930.	P, 1900-24. T, R, 1891-1925.	en P = ½(8+20). ℄ = ½(8+20+Mm).
412	Portland, Oregon	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1930-1 and Monthly Weather Rev., 1930.	P, T, 1873-1923. R, 1871-1922.	nq P, ℄ = ½(8+20) reduced to mean of 24 hrs.
413	Macleod	See No. 411.	T, 25 yrs., 1895-1921. R, 25 yrs., 1895-1920.	℄ derived from ½(M+m).
414	Helena	See No. 412.	P, 1882-1923. T, R, 1880-1923.	nq P, ℄ = ½(8+20) reduced to mean of 24 hrs.
414a	Salt Lake City	Do.	P, T, 1875-1923. R, 1874-1923.	nq Do. do.
415	Cheyenne	Do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
416	North Platte	Do.	P, T, 1875-1923. R, 1874-1922.	nq Do. do.
416a	Bismarck	Do.	P, T, 1875-1923. R, 1874-1923.	nq Do. do.
417	Winnipeg	See No. 411.	T, 1873-1920. R, 1886-1920.	en P = ½(8+20). ℄ = ½(8+20+Mm).
418	Duluth	See No. 412.	P, see current data. T, 1904-28. R, 1871-1923.	n P, ℄ = ½(8+20) reduced to mean of 24 hrs.
419	Port Arthur	See No. 411.	P, 1900-24. T, 1885-1914. R, 1881-1915.	en P = ½(8+20). ℄ = ½(8+20+Mm).
420	Chicago	See No. 412.	P, see current data. T, 1873-1923. R, 1871-1923.	n P, ℄ = ½(8+20) reduced to mean of 24 hrs.
421	Toronto	See No. 411.	P, 1886-1921. T, 1873-1920, R. 1874-1920.	en P = ½(8+20). ℄ = ½(8+20+Mm).
422	New York (Central Park)	New York, Rep. of Meteor. Obs., Central Park, 1930.	P, 51 yrs., 1868-1920. ℄, R, 62 yrs., 1868-1931.	enq P = ⅓(7+14+21). ℄ = mean of 24 hrs.
423	St. John, N.B.	See No. 411.	T, 1875-1924. R, 1861-1910.	en P = ½(8+20). ℄ = ½(8+20+Mm).
424	S.W. Point, Anticosti	Do.	T, R, 1882-1920.	en Do. do.

Zone 4-continued

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
424a	Sable Island(Main Station)	See No. 411.	T, 25 yrs., 1898-1923. R, 35 yrs., 1891-1927.	en P = ¼(8+20). ☾ = ¼(8+20+M+m).
425	Port aux Basques	Do.	P, T, R, 1909-23.	en Do. Do.
426	St. John's, Newfoundland	..	..	..
435	Madrid	MS. data supplied by Servicio Meteor. Nacional, Madrid.	P, T, 1901-25. R, 1901-26.	ex P = ⅓(7+13+18). ☾ derived from these hours.
436	Nantes	Paris, Bull. Mens. de l'Office National Météor. de France, 1930 and MS. data.	P, ☾, R, 1881-1920.	P, ☾ = mean of 24 hrs.
437	Paris (Parc St.Maur)	Do. do.	P, ☾, 1874-1923. R, 1820-1910.	Do.
438	Marseille	Marseille, Commission de Météor. du Bouches du Rhône, Bull. Ann., 1930-1.	P, ☾, R, 1871-1920.	P = ⅓(7+12+18). ☾ derived from these hours.
438a	Zürich	Zürich, Ann. Schweiz. Meteor. Zentralanst., 1930.	P, ☾, R, 1864-1920.	..
439	Rome	MS. data supplied by R. Uff. Centr. Meteor. e Geodin., Rome.	P, 1858-1924. T, 1831-1910. R, 1782-1924.	e P, ☾ = mean of 24 hrs.
440	Vienna	MS. data supplied by Zentralanst. für Meteor. und Geodyn.,Wien.	P, R, 1851-1920. ☾, 1775-1920.	c P = ⅓(8+14+19). ☾ derived from ¼(M+m).
440a	Budapest	Budapest, Witterungsber. von Ungarn, 1930.	P, R, 1871-1920. ☾, 1871-1930.	e P, ☾ = mean of 24 hrs.
441	Sofia	Sofia, Bull. Mens. de l'Inst. Météor. de Bulgarie, 1930.	P, 1918-32. ☾, R, 1892-1926.	e Do.
442	Bucharest	Bucuresti, Bul. Lunar al Obs. Meteor. din Romania, 1930.	P, 1881-1924. ☾, 1857-1924. R, 1864-1924.	e P = ⅓(7+14+21). ☾ = ⅓(7+14+2x21).
443	Odessa (Observatory)	MS. data supplied by U.S.S.R. Central Weather Bureau, Moscow.	P, ☾, 1881-1922. R, 69 yrs., 1841-1915.	e P, ☾ = mean of 24 hrs.
444	Kharkiv (University)	..	..	..
444a	Novorossiisk	Washington, Smiths. Inst., Misc. Coll., 90, 1934.	P, 38 yrs., 1881-1922. ☾, 1891-1925. R, 1892-1914; '16-27.	e P = ⅓(7+13+21). ☾ derived from these hours.
445	Tiflis	MS. data supplied by Obs. Géophys. de la Géorgie, Tiflis.	P, 1881-1922. ☾, 1881-1915. R, 78 yrs., 1844-1922.	t P, ☾ = mean of 24 hrs.
446	Astrakhan	See No. 444a.	P, ☾, 1881-1915. R, 68 yrs., 1846-1915.	e P = ⅓(7+13+21). ☾ derived from these hours.
447	Fort Alexandrovsk	Do.	P, 25 yrs., 1882-1925. ☾, 35 yrs., 1882-1918. R, 47 yrs., 1848-1922.	e Do. do.
448	Krasnovodsk	Do.	P, 35 yrs., 1883-1923. ☾, 35 yrs., 1883-1922. R, 35 yrs., 1870-1924.	e Do. do.
449	Kasalinsk	Do.	☾, 35 yrs., 1855-1921. R, 35 yrs., 1862-1906.	☾ derived from ⅓(7+13+21).
450	Tashkent	See No. 443.	P, ☾, 1881-1915. R, 39 yrs., 1877-1922.	P = ⅓(7+13+21). ☾ = mean of 24 hrs.
451	Andijan	Do.	..	e P = ⅓(7+13+21). ☾ derived from these hours.
452	Alma Ata	See No. 444a.	..	ce P, ☾ = ⅛(2+6+10+14+18+22).
461	Moukden	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1930.	P, ☾, R, 1906-29.	ce Do.
462	Joshin	Do. do.	P, ☾, R, 1906-29.	ce Do.
463	Yuki	Do. do.	P, ☾, R, 1915-29.	e P = ⅓(7+13+21). ☾ derived from these hours.
464	Vladivostok	See No. 444a.	P, 1876-1921. ☾, R, 1873-1921.	e P, ☾ = ⅛(2+6+10+14+18+22). 135°g. meridian time.
465	Ochiai	See No. 461.	P, ☾, R, 1908-29.	e Do. do.
466	Nemuro	Do.	P, 1886-1920. ☾, R, 1884-1920.	e Do. do.
466a	Syana	Do.	P, ☾, R, 1903-29.	

ZONE 5.

Table showing the Authorities for the Meteorology of the Globe between Latitude 40° N. and 30° N.

508	35°-30°N. 145°-140°W.	MS. data supplied by Chief of Weather Bureau, U.S.Dept. Agric. Washington.	P, ☾, Sea Temperature, see current data.	x P, ☾, Sea Temp. = 12h.
511	San Francisco	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1930-1 and Monthly Weather Rev., 1930.	P, T, 1873-1923. R, 1850-1925.	nq P, ☾ = ⅓(8+20) reduced to mean of 24 hrs.
512	Sacramento	Do. do.	P, 1878-1931. T, 43 yrs., 1878-1921. R, 1850-1924.	nq Do. do.
513	San Diego	Do. do.	P, T, 1873-1923. R, 1850-1923.	nq Do. do.
514	Modena	Do. do.	P, ☾, R, 1901-25.	nq Do. do.
515	Santa Fé	Do. do.	P, 1873-80; '82; '85-1923. T, 1873-82; '85-1923. R, 67 yrs., 1850-1923.	nq Do. do.
516	Denver	Do. do.	P, T, 1873-1923. R, 1872-1923.	nq Do. do.
517	Abilene	Do. do.	P, T, 1886-1923. R, 1885-1922.	nq Do. do.
518	Saint Louis	Do. do.	P, T, 1873-1923. R, 1837-1923.	nq Do. do.
519	Mobile	Do. do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
520	Nashville	Do. do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
521	Charleston	Do. do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
522	Washington	Do. do.	P, T, 1873-1923. R, 1871-1925.	nq Do. do.
524	Bermuda	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1930.	☾, R, 62 yrs., 1866-1928.	en P = ⅓(8+20). ☾ = ¼(8+20+M+m).
530	Santa Cruz (Flores)	MS. data supplied by Director, Meteor. Service, Azores.	P, 1907-31. T, R, 1911-25.	P, ☾ = mean of 24 hrs.
531	Horta	Do. do.	P, ☾, R, 1902-26.	Do.
532	Ponta Delgada	Do. do.	P, ☾, 1894-1928.	Do.
532a	Faja de Cima	Do. do.	R, 1911-25.	e P = ⅓(9+15+21). ☾ = ¼(9+21+M+m).
533	Madeira (Funchal)	Lisbon, Res. Mens. do Obs. Meteor., 1930.	P, ☾, R, 1880-1920.	

ZONE 5-continued

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
535	Lisbon	Lisbon, Res. Mens. do Obs. Meteor., 1930 and MS. data.	P, ☾, R, 1864-1920.	e P, ☾ = mean of 24 hrs.
535a	Melilla	MS. data supplied by Servicio Meteor. Nacional, Madrid.	P, 10 yrs., 1917-30. T, R, 1917-19; '22-30.	ex P = ⅓(7+13+18). ☾ derived from these hours.
536	Gibraltar	MS. data at M.O.	P, 76 yrs., 1852-1930. T, 78 yrs., 1852-1932. R, 79 yrs., 1852-1932.	c P = ⅓(7+13+21). ☾ = ¼(7+13+2x21).
536a	Colomb-Béchar	MS. data supplied by l'Office National Météor., Paris.	P, 1922-33. T, 11 yrs., 1913-14; '21-30. R. 11 yrs., 1913-14; '21-29.	c P = ⅓(7+13+18). ☾ = ¼(7+13+18+m).
537	Palma	See No. 535a.	P, T, R, 1865-1921.	ex Do. do.
538	Algiers (University)	Algiers, Service Météor., Obs. d'Alger-Université, 1930.	P, ☾, R, see current data.	eq P, ☾ = mean of 24 hrs.
538a	Gadames	Tripoli, Uff. Meteor. Boll., 1930.	T, 15 yrs., 1912-15; '19-30. R, 1912-15; '19-29.	..
539	Tunis	Tunis, Service Météor., Relevé des Obs., 1930.	P, 1921-30. ☾, 35 yrs., 1887-1927. R, 35 yrs., 1887-1925.	ce P = ⅓(8+14+19). ☾ derived from ¼(8+14+19+m)
540	Malta	MS. data at M.O.	P, 66 yrs., 1852-1923. T, 64 yrs., 1853-1923. R, 70 yrs., 1853-1923.	x P = ⅓(7+18). ☾ derived from ½(M+m).
541	Athens	MS. data supplied by Obs. National, Athens.	P, 71 yrs., 1839-1923. ☾, R, 1858-1923.	e P, ☾ = mean of 24 hrs.
542	Alexandria	MS. data supplied by Phys. Dept., Cairo.	P, 1888-1922. ☾, 1870-1922. R, 1889-1923.	c P = ⅓(8+14+20). ☾ derived from ¼(8+14+20+m). P, ☾ = mean of 24 hrs.
543	Ankara (Angora)	MS. data supplied by Meteor. Inst., Republic of Turkey.	P, (1878-1913).	
543a	Nicosia (P.W.D.)	Cyprus Blue Book, 1930.	P, T, R, 1907-31.	c P = ½(8+14). P = ⅓(8½+14½+20½). ☾ = ⅛(8½+14½+20½+2M+3m).
544	Beirut	Beirut, Monthly Bull. of the Obs., 1930.	P, ☾, 1875-1924. R, 1876-1924.	
545	Hinaidi	MS. data at M.O.	P, 1896-1910. T, R, 1922-32.	x P = ½(2+6+13). ☾ derived from these hours.
546	Lenkoran	..	..	..
547	Tehran	Calcutta, India Weather Review, 1930.	T, R, 25 yrs., 1893-1920.	aex P = ½(4+14). ☾ derived from ½(M+m).
548	Meshed	Do. do.	R, 26 yrs., 1893-1920.	a ..
549	Seistan	Do. do.	T, R, 1912-26.	ax P = ½(4+12).
550	Quetta	Calcutta, India Weather Review, 1930 and MS. data.	P, R, see current data. T, 1878-1920.	aq P = 7h. ☾ derived from ½(M+m).
551	Peshawar	Do. do.	P, R, see current data. T, 1878-1910.	aq P = 8h. ☾ derived from ½(M+m).
551a	Lahore	Do. do.	P, ☾, R, see current data.	aq Do. do.
552	Simla	Do. do.	P, R, see current data. T, 1876-1920.	aq Do. do.
552a	Leh	Do. do.	P, R, see current data. T, 43 yrs., 1875-1920.	aq Do. do.
558	Sian	..	..	et P, ☾ = mean of hourly observations, 5h. to 21h.
559	Hankow	MS. data supplied by Obs. Météor. de Zi-ka-Wei, Shanghai.	P, ☾, 1906-30. R, 39 yrs., 1875-1919.	P = ⅓(6+14+22). 135° E. meridian time.
560	Tientsin	Tokyo, Monthly Rep. Centr. Meteor. Obs., Japan, 1930.	P, ☾, 1905-29. R, 1904-29.	☾ derived from these hours.
561	Shanghai (Zi-ka-Wei)	Do. do.	P, ☾, 1873-1920. R, 1873-1924.	e P, ☾ = mean of 24 hrs.
562	Jinsen (Chemulpho)	Zi-ka-Wei, Bull. des Obs., 1930.	P, 35 yrs., 1888-1923. ☾, 1888-1922. R, 1905-29.	e Do.
562a	Nagasaki	Zinsen, Ann. Rep. Meteor. Obs., Tyôsen, 1930.	P, 1886-1920. ☾, R, 1879-1920.	e Do.
563	Kyoto	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1930.	P, 1881-1915. ☾, R, 1881-1920.	ce P, ☾ = ⅛(2+6+10+14+18+22).
564	Tokyo	Do. do.	P, 1886-1920. ☾, R, 1876-1920.	e P, ☾ = mean of 24 hrs.
565	Hukuoka	Do. do.	P, ☾, R, 1897-1931.	ce P, ☾ = ⅛(2+6+10+14+18+22).
566	Miyako	Do. do.	P, 1886-1920. ☾, R, 1884-1920.	ce Do.

Table showing the Authorities for the Meteorology of the Globe between Latitude 30°N. and 20° N.

ZONE 6.

601	Midway Island	MS. data supplied by Chief of Weather Bureau, Washington, D.C.	T, R, 1917-31.	cd P = 12h.
605	Honolulu	Washington, D.C., U.S.Dept. Agric., Rep. of Chief of Weather Bureau, 1930-1 and Monthly Weather Rev., 1930.	P, 1883-1928. T, 1883-1920. R, 1874-1928.	q P = ⅓(8+20). ☾ = ¼(8+20+M+m). 157½° W. meridian time.
613	Guaymas	Tacubaya, Bol. del Servicio Meteor., Mexicano, 1930.	☾,(1901-10).	
615	Leon	Do. do.	P, ☾, 35 yrs., 1879-1923. R, 37 yrs., 1878-1920.	e P = ⅓(7+14+21). ☾ derived from these hours.
616	Monterry	Do. do.	P, 1886-88; '96-99; 1905-24. ☾, 1886-88; '96-99; 1905-22. R, 25 yrs., 1885-1924.	eq Do. do.
627	Tulancingo	See No. 605.	P, 1922-31. ☾, R, 15 yrs., 1911-27.	e Do. do.
628	Galveston	Do.	P, T, 1873-1923. R, 1871-1924.	q Do. do.
628a	New Orleans	See No. 613.	P, See current data. ☾, 1873-1923. R, 77 yrs., 1836-1922.	nq P, ☾ = ⅓(8+20) reduced to mean of 24 hrs.
629	Merida, Yucatan	MS. data supplied by Director, Obs. Meteor. del Colegio de Belen,Habana.	P, 35 yrs., 1894-1931. ☾, R, 25 yrs., 1895-1924.	n Do. do.
640	Havana	See No. 605.	P, 1858-1925.	e P = ⅓(7+14+21). ☾ derived from these hours.
640a	Key West	Bahamas Blue Book, 1930 and MS. data.	P, T, 1873-1923. R, 1871-1922.	e P, ☾ = mean of bi-hourly observations.
641	Nassau, Bahamas	MS. data at M.O.	P, 45 yrs., 1871-1920. T, 43 yrs., 1874-1920. R, 55 yrs., 1855-1920.	nq P, ☾ = ⅓(8+20) reduced to mean of 24 hrs.
643	San Salvador (Watling Island)	Dakar, Journal Offic. de l'Afrique occid. française, 1930.	P, ☾, 15 yrs., 1915-30.	n P = ⅓(8+15). ☾ derived from ⅓(M+m).
644	Port Etienne		R, 10 yrs., 1923-33.	ekl P, ☾ = ¼(8+12+16+22).
652a	Izaña	MS.data supplied by Servicio Meteor. Nacional, Madrid.	P, T, R, 1916-30.	e P (Jan.Feb.June to Dec.) = ⅓(7+14+21). P (Mar.toMay) = ⅓(7+15+21).☾ (Jan.Feb. June to Dec.) = ¼(7+14+2x21). ☾ (Mar.to May) = ¼(7+15+2x21).
654	La Laguna	Do. do.	P, 1911-25. T, 37 yrs. R, 35 yrs.	qx P = ⅓(7+12+18). ☾ derived from these hours.
				dex P = ⅓(7+13+18).

ZONE 6-continued

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
636	Adrar	MS. data supplied by Inst. Météor. et Phys. du Globe, Algiers.	..	ex P = ⅓(7+13+18). ☾ = ¼(7+13+18+ 18+m/2).
638	Tamanrasset (Fort Laperrine)	Do. do.	..	ex Do. do.
639	Sebha	Tripoli, Uff. Meteor. Boll., 1930.	..	.. ..
640	Hon	Do. do.	..	.. ..
641	Giarabub	Tripoli, Boll. Meteor. della Cirenaica, 1930.	..	.. ..
642	Siwa	MS. data supplied by Phys.Dept., Cairo.	P, 1921-30. T, 10 yrs.,1920-32.R,1920-29.	f P = ⅓(8+14+20). ☾ = ¼(8+14+20+m).
643	Cairo (Helwan)	Do. do.	P, ☾, R, 1904-28.	f P = ⅓(8+14+20). ☾ derived from ¼(8+14+20+m).
643a	Aswan	Do. do.	P, ☾, 1901-25.	f P = ⅓(8+14+20). ☾ = ¼(8+14+20+m). No rain-gauge as rainfall is practically unknown.
644	Tor	Do. do.	P, ☾, 1905-30. R, 1919-29.	f P = ⅓(8+14+20). ☾ = ¼(8+14+20+m).
647	Bushire	Calcutta, India Weather Review, 1930 and MS. data.	T, 43 yrs., 1876-1920. R, 44 yrs., 1876-1920.	ax P = ½(4+14). ☾ derived from ½(M+m).
648	Jask	Do. do.	T, 27 yrs., 1893-1920. R, 28 yrs.,1892-1920.	ax Do. do.
649	Karachi	Do. do.	P, R, see current data. T, 1905-19.	aq P = 8h. ☾ derived from ½(M+m).
650	Jacobabad	Do. do.	P, R, see current data. T, 1878-1910.	aq Do. do.
651	Jaipur	Do. do.	P, ☾, R, see current data.	aq Do. do.
652	Nagpur	Do. do.	P, R, see current data. T, 1875-1920.	aq Do. do.
653	Allahabad	Do. do.	P, R, see current data. T, 1876-1920.	aq Do. do.
653a	Darjeeling	Do. do.	P, R, see current data. T, 1890-1910.	aq Do. do.
654	Calcutta	Do. do.	P, ☾, R, see current data.	aq Do. do.
655	Gauhati	Do. do.	P, R, see current data. T, 1902-20.	adq P = 8h.
655m	Cherrapunji	Do. do.	P, R, see current data. T, 1902-20.	aq P = 8h. ☾ derived from ½(M+m).
655a	Akyab	Do. do.	P, R, see current data. T, 1878-1920.	aq Do. do.
656	Mandalay	Do. do.	P, R, see current data. T, 1889-1910.	c P = 9h. ☾ derived from ½(M+m).
656a	Tengyueh	Nanking, Ann. Meteor. Rep.,1930.	T, R, 1914-28.	P, ☾ = mean of bi-hourly observations.
657	Phu Lien	Phu Lien, Ann. du Service Météor. de l'Indochine, 1930 and MS. data.	P, ☾, R, 1907-31.	P = ¼(1st and 2nd max. + 1st and 2nd min. ☾ derived from ½(M+m).
658	Moncay	Do. do.	P, 1907-21. T, R, 1907-31.	P, ☾ = mean of 24 hrs.
659	Hongkong	Honkong, Royal Obs. Monthly Meteor. Bull., 1930.	P, ☾, R, 1884-1928.	ce P = 9h. ☾ = mean of tri-hourly observations.
660	Amoy	See No. 656a.	P, 15 yrs., 1894-1901; '14-22. ☾, 25 yrs. R, 35 yrs., 1880-1924.	e P, ☾ = mean of 24 hrs.
661	Taihoku, Formosa	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1930.	P, ☾, R, 1897-1931.	c P, ☾ = ⅛(2+6+10+14+18+22).
661a	Basco	Manila, Weather Bureau, Monthly Bull., 1930.	P, ☾, 25 yrs., 1903-28. R, 25 yrs., 1903-30.	e P, ☾ = mean of 24 hrs.
662	Naha	See No. 661.	P, ☾, R, 1891-1925.	ce P, ☾ = ⅛(2+6+10+14+18+22).
665	Yitizima (Bonin Islands)	Do.	P, ☾, R, 25 yrs., 1906-31.	

ZONE 7.

Table showing the Authorities for the Meteorology of the Globe between Latitude 20° N. and 10° S.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
715	Colima	Tacubaya, Bol. dal Servicio Meteor. Mexicano, 1930.	P, ☾, R, 10 yrs., 1917-28.	e P = ⅓(7+14+21). ☾ derived from these hours.
716	Morelia	Do. do.	P, ☾, R, 10 yrs., 1917-28.	e Do. do.
717	Mexico, Tacubaya	Tacubaya, Servicio Meteor. Mexicano, Res. Mens., 1930.	P, 1917-31. ☾, 1900-14; '17-26. R, 1900-24.	q P, ☾ = mean of 24 hrs.
718	Salina Cruz	See No. 715.	P, ☾, 15 yrs., 1907-26. R, 1903-13;'16-29.	e P = ⅓(7+14+21). ☾ derived from these hours.
719	San Salvador	San Salvador, Anales del Obs. Meteor., 1930.	P, 1911-25. ☾, R, 1912-26.	e P = ⅓(7+14+21). ☾ = ¼(7+14+2x21).
720	Belize	MS. data at M.O.	P, ☾ (Jan.) R, 1917-31. T (Feb. to Dec.) 1895-1905; '11-13.	acde P, ☾ (Jan.) = 6 h. "d" refers to Feb. to Dec.
721	Jamaica (Negril Pt.)	Jamaica Blue Book, 1930.	P, T, 1898-1932. R, 1895-1929.	c P, ☾ = ¼(7+15) reduced to mean of 24 hrs.
722	Port-au-Prince	Port-au-Prince, Bull. Ann. de l'Obs. Météor., 1930.	P, 1865-69; '88-1925. ☾, 1864-69;'88-1925. R, 49 yrs., 1863-1925.	ce P = ⅓(7+13+21). ☾ derived from ¼(7+13+21).
723	Caracas	MS. data supplied by Obs. Cajigal, Caracas.	☾, 1895-1929. R, 1891-1925.	e P, ☾ = ⅓(0+6+12+18+24) 67½° W. meridian time.
724	San Juan, Porto Rico	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1929-30 and Monthly Weather Rev., 1930.	P, R, 1899-1928. T, 1898-1928.	nq P = ½(8+20) reduced to mean of 24 hrs. ☾ derived from ½(M+m).
724a	Grenada (Richmond Hill)	Grenada Govt. Gazette, 1930.	P, 1891-1925. T, 40 yrs., 1887-1929. R, 1891-1929.	e P = ½(9+18). ☾ derived from ½(M+m).
725	Barbados	Barbados Blue Book, 1930.	P, 1916-30. T, 17 yrs., 1912-29. R, 74 yrs., 1853-1929.	c P = ½(9+15). ☾ derived from ½(M+m).
731	São Vicente, C.Verde Is.	Lisbon, Res. Mens. do Obs. Meteor., 1930.	P, R, 35 yrs., 1884-1921. ☾, 1901-25.	e P = ½(9+15+21). ☾ = ¼(9+21+M+m).
732	San Tiago, C. Verde Is.	Do. do.	P, 25 yrs., 1893-1921. ☾, 1921-30. R, 1888-1900; '04-25.	e Do. do.
733	Dakar	Dakar, Service Météor., Obs. Météor., 1930.	T, 1899-1913. R, 25 yrs., 1899-1913; '23-33.	P = ⅓(7+14+21). ☾ = ¼(7+14+2x21).
734	Bathurst (Cape St. Mary)	Gambia Blue Book, 1930.	T, 23 yrs., 1891-1925.	☾ derived from ½(M+m).
735	Niénébalé	Dakar, Journal Offic. de l'Afrique occid. française, 1930.	..	☾ (Mar.,May,Oct.toDec.) derived from ⅓(7+14+19). ☾ (Apr.,June to Sept.) derived from ⅓(7+14+21).
736	Kabara	MS. data supplied by Ministère des Colonies, Paris.	..	☾ derived from ½(M+m).
737	Sokoto	MS. data at MO.	T, 25 yrs., 1907-33. R, 1904-28.	Do.
738	Kaduna Capital	Do.	☾ (Jan.,Feb.,June,Aug.to Dec.,Yr.) T (Mar.to May,July) 1917-31. R,15 yrs.1916-31	☾ (Jan.,Feb.,June,Aug.to Dec.,Yr.) = 9h. ☾ (Mar.to May,July) derived from ½(M+m).
739	Hadeija	Do.	T, 15 yrs., 1907-24. R, 25 yrs., 1904-30.	☾ derived from ½(M+m).
740	Maiduguri	Do.	☾ 1926-35. R, 1904-28.	☾ = 9h.
741	El Fasher	MS. data supplied by Phys.Dept.,Cairo.	☾, 1920-30. R, 1917-31.	g P = ⅓(8+14+20). ☾ = ¼(8+14+20+m).
743	El Obeid	Do. do.	P, 25 yrs., 1901-27. ☾, 1901-25. R,1902-26.	g Do. do.
743a	Khartoum	Do. do.	P, 1903-27. ☾, 1901-25. R, 1899-1923.	P = ⅓(8+14+20). ☾ derived from ¼(8+14+20+m).
744	Port Sudan	Do. do.	P, ☾, 1905-30. R, 1906-29.	g P = ⅓(8+14+20). ☾ = ¼(8+14+20+m).
745	Berbera, Somaliland	MS. data at M.O.	P, 25 yrs.,1908-34. T, 1908-32. R,1906-30.	ce P = ⅓(8+14+20). ☾ = ¼(8+20+M+m).

ZONE 7-continued

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
746	Aden	Calcutta, India Weather Review, 1930 and MS. data.	P, R, see current data. T, 39 yrs., 1880-1920.	aq P = 7h. ☾ derived from ½ (M+m).
751	Bombay	Calcutta, India Weather Review, 1930, Bombay, Magn. Meteor. and Seism. Obs., 1930 and MS. data.	P, R, see current data. T, 1878-1920.	aq P = 8h. ☾ = mean of 24 hrs.
752	Kodaikanal	See No. 746.	P, R, see current data. T, 21 yrs., 1899-1920.	aq P = 8h. ☾ derived from ½(M+m).
752a	Bangalore	Do.	P, ☾, R, see current data.	aq Do. do.
753	Madras	Do.	P, ☾, R, see current data.	aq Do. do.
754	Visagapatam	Do.	P, R, see current data. T, 15 yrs., 1888-1921.	aq Do. do.
755	Fort Blair	Do.	P, R, see current data. T, 1867-1920.	aq Do. do.
756	Rangoon	Do.	P, R, see current data. T, 1876-1920.	aq Do. do.
757	Cap. St. Jacques	Phu-Lien, Ann. du Service Météor. de l'Indochine, 1930 and MS. data.	T, R, 1907-31.	d P = ¼(1st and 2nd max. + 1st and 2nd min.).
758	Khatrang	Do. do.	T, R, 1907-31.	d Do. do.
759	Bolinao	Manila, Weather Bureau, Monthly Bull., 1930 and MS. data.	P, ☾, 25 yrs., 1902-30. R, 35 yrs., 1886-1928.	c P = ⅓(6+14). ☾ derived from these hours.
761	Vigan	Manila, Weather Bureau, Monthly Bull., 1930.	P, ☾, 25 yrs., 1902-28. R, 35 yrs., 1887-1929.	c P, ☾ = ⅛(2+6+10+14+18+22).
761a	Manila	Do. do.	P, 1887-1922. ☾, 1885-1928. R, 1865-1928.	P, ☾ = mean of 24 hrs.
765	Ormoc	See No. 759.	P, ☾, 1902-05; '07-27. R, 1902-26.	c P = ⅓(6+14). ☾ derived from these hours.
765	Guam, Ladrone Is.	Do.	P, 1907-31. ☾, R, 1906-30.	P = ⅓(6+14). 120° E. meridian time. ☾ derived from these hours.
766	Saipan	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1930.	..	e P, ☾ = ⅛(2+6+10+14+18+22). 135°E. meridian time.

Table showing the Authorities for the Meteorology of the Globe between Latitude 10° N. and 0°.

ZONE 8.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
805	Fanning Island	MS. data at M.O.	P, 10 yrs., 1921-32. ☾ (June,July,Oct.,Yr.) 13 yrs., 1921-34. T (Jan.to May,Aug., Sept.,Nov.,Dec.) 25 yrs., 1904-34. R, 25 yrs., 1903-30.	de P, ☾ (June,July,Oct.,Yr.) = 9h. "d" refers to Jan. to May, Aug., Sept., Nov., Dec.
821	Cristobal	Balboa Heights, Panama Canal Section of Meteor. and Hydrogr. Monthly Meteor. Rep., 1930.	P, 1908-32. T, 25 yrs., 1881-1925. R, 1863-74; '81-87; '89-1923.	P, ☾ = mean of bi-hourly observations.
822	Bogota	Bogota, Anales del Obs. Nac. de San Bartolomé, 1930.	P, T, 1923-32. R, 1866-85; '94-1923.	q P = ⅛(6+8+10+12+14+16+18+20). ☾ = ½(6+8+10+12+14+16+18+20+2m)
822a	Merida, Venezuela	..	..	.. ..
823	Ciudad Bolivar	MS. data supplied by Observatorio Cajigal, Caracas.	P, 10 yrs., 1923-34. T, 10 yrs., 1917-28. R, 1917-26.	de P = ⅓(6+12+21).
824	El Peru, Guayanavieja	MS. data at M.O.	P, 15 yrs., 1910-26. ☾ (Jan.,Feb.,Yr.) 11 yrs., 1910-22. T (Mar.to Dec.) 15 yrs., 1910-28. R, 15 yrs., 1910-25.	de P, ☾ (Jan.,Feb.,Yr.) = 7½h. approx. "d" refers to Mar. to Dec.
825	Georgetown, Brit.Guiana	British Guiana Blue Book, 1930.	P, 1887-1929. T, 1846-56; '87-1929. R, 1894-1928.	P = ⅓(7+13+18). ☾ derived from these hours.
826	Paramaribo	De Bilt, K. Ned. Meteor. Inst., Meteor. Obs. Netherlands West Indies, 1930.	P, 1876-1915. ☾, 1899-1928. R, 1847-54; '64-1925.	e P = ⅓(8+14+18). ☾ derived from these hours.
826a	Cayenne	MS. data supplied by Ministère des Colonies, Paris.	R, 1859-99; 1903-12.	..
831	10° -5°N. 30° -25°W.	MS. data supplied by Meteor. Inst., Copenhagen; Meteor. Inst., De Bilt; Deutsche Seewarte, Hamburg; Meteor. Office, London; and Weather Bureau, U.S. Dept. Agric., Washington, D.C.	P, ☾, Sea Temperature (Jan.,Feb.,Dec.) 1870-1914; '22-26. (Mar. to May) 1856-1919; '22-26.(June to Nov.) 1870-1926.	P, ☾, Sea Temp. = ½(8+20).
833	Konakri	Dakar,Journal Offic. de l'Afrique occid. française, 1930.	T, 15 yrs., 1905-31. R, 15 yrs., 1904-22.	☾ (Jan.to Mar.June,July) = ½(7+14+2x21). ☾ (Apr.,May) = ½(7+14+2x18).
834	Freetown,Sierra Leone	MS. data at M.O.	P, 41 yrs.,1877-1920.T,43 yrs.,1874-1920. R, 1874-1920.	e P = ½(9+17). ☾ = ½(17+M+2m).
835	Assuantsi	Do.	T, 1921-31. R, 19 yrs.	de P = 9h.
836	Accra	Do.	P, 1921-31. ☾ (Jan.to June,Yr.) 1925-34. T (July to Dec.) 25 yrs., 1888-1931. R,41 yrs.	de P, ☾ (Jan.to June,Yr.) = 9h."d" refers to July to Dec.
837	Lagos	Do.	P,R, 35 yrs., 1891-1926. T,35 yrs.,1891-1927.	e P = ½(9+15). ☾ = ½(9+2x15+2m).
838	Victoria, Nigeria	Nigeria Blue Book, 1930 and MS. data.	R, 1922-31.	de P = ½(9+15).
839	Lola	MS. data at M.O.	T, 25 yrs.,1904-19,'24-34. R, 1904-28.	☾ derived from ½(M+m).
841	Warri	MS. data supplied by Phys. Dept.,Cairo.	P, 25 yrs., 1902-32. ☾ 25 yrs., 1902-27. R, 1904-28.	g P = ½(8+14+20). ☾ (Jan.,Apr. to Dec.) = ¼(8+14+20+m). ☾ (Feb.,Mar.)=½(8+20).
843	Malakal (Kodok)	Do. do.	P, ☾, 15 yrs., 1915-30. R, 1915-29.	g P = ½(8+14+20). ☾ = ¼(8+14+20+m).
843a	Mongalla	Do. do.	P, R, 1903-27. ☾, 1903-29.	gq Do. do.
844	Entebbe	MS. data at M.O.	P, 1904-28. ☾, 25 yrs., 1901-26. R,35 yrs., 1896-1931.	eq P = ½(7+14+21).☾ derived from ¼(7+14+2x21).
845	Shetkh	British Somaliland Blue Book, 1930.	R, 12 yrs., 1921-33.	d ..
851	Minicoy	Calcutta, India Weather Review, 1930 and MS. data.	P, R, see current data.	aq P = 8h. ☾ derived from ½(M+m).
851a	Cochin	Do. do.	P, R, see current data. T, 1875-1920.	aq Do. do.
852	Colombo Observatory	Ceylon Govt. Gazette, Suppl.,1930 and Blue Book, 1930.	P,R, 51 yrs., 1869-1920. T, 1921-30.	P = ½(9½+15½) 82½° E. meridian time. ☾ derived from ½(M+m).
853	Numara Eliya	Ceylon Govt. Gazette, Suppl., 1930 and Blue Book, 1930 and Washington,Smiths. Inst., Misc. Coll., 90, 1934.	P, 40 yrs., 1869-1904; '13-20. T, 1921-30. R, 1869-1920.	e Do. do.
854	Trincomalee	See No. 852.	P, R, 50 yrs., 1869-1920. T, 1921-30.	Do. do.
855	Kuta Raja	Batavia,Obs.Secondary Stations,Netherlands East-India,1930 and Batavia, Regenw. Nederlandsch-Indië, 1930.	P, 1910-24. R, 1879-1928.	P reduced to mean of 24 hrs.
856	Medan	Do. do.	P, 1908; '10-23. ☾, 15 yrs., 1913-28. R, 1879-1928.	t P reduced to mean of 24 hrs. ☾ = mean of bi-hourly observations.

ZONE 8-continued

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
857	Penang	Singapore Malayan Meteor. Service, Summary of Obs., 1930.	T, 1882-1920. R, 1883-1917.	d
857a	Butterworth	MS. data supplied by Malayan Meteor. Service, Singapore.	..	P, ☾ = mean of 24 hrs.
858	Singapore (Mt.Faber)	Singapore, Malayan Meteor. Service, Summary of Obs., 1930 and MS. data.	P, 1898-1922.	c P = ⅓(9+15+21). ☾ = mean of 24 hrs.
859	Sandakan	MS. data at M.O.	T, R, 1879-95; 1904-29.	☾ = ¼(9+15+2x21).
860	Iwahig	Manila, Weather Bureau, Monthly Bull., 1930 and MS. data.	P, ☾, R, 15 yrs., 1914-29.	c P = ⅓(6+14). ☾ derived from these hours.
861	Tagbilaran	Manila, Weather Bureau, Monthly Bull., 1930.	P, ☾, 25 yrs., 1902-28. R, 1903-27.	c P, ☾ = ⅛(2+6+10+14+18+22).
861a	Menado	See No. 855.	P, 1905; '07; '09-21. ☾, 15 yrs., 1912-27. R, 1879-1928.	t P reduced to mean of 24 hrs. ☾ = mean of bi-hourly observations.
862	Surigao	See No. 861.	P, 25 yrs., 1902-28. ☾, 25 yrs., 1902-29. R, 25 yrs., 1902-27.	c P, ☾ = ⅛(2+6+10+14+18+22).
863	Kolonie, Yap	Do.	P, 25 yrs., 1907-33. ☾, 25 yrs., 1906-32. R, 25 yrs., 1905-31.	P, ☾ = ⅛(2+6+10+14+18+22). 120°g. meridian time.
864	Palau	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1930.	..	ce P, ☾ = ⅛(2+6+10+14+18+22).
867	Ponape	Do. do.	..	e P, ☾ = ⅛(2+6+10+14+18+22). 135°g. meridian time.

ZONE 9.

Table showing the Authorities for the Meteorology of the Globe between Latitude 0° and 10° S.

902	Atafu	MS. data supplied by Apia Obs., Samoa.	..	det P = 9h.
920	Lambayeque	Lima, Serv. Meteor. Nac. Res. Obs., 1930.	..	e P = ⅓(M+m). Max. generally occurs at 10h. and min. at 16h. ☾ = mean of bi-hourly observations.
921	Quito	Quito, Res. Obs. Meteor., 1930.	P, R, 35 yrs. ☾, 35 yrs., 1891-1928.	q P, ☾ = mean of 24 hrs.
923	Senna Madureira	MS. data supplied by Directoria de Meteorologia, Rio de Janeiro.	..	P = ⅓(7+14+21). ☾ = ¼(7+14+2x21).
923a	S.Gabriel do Rio Negro	Do. do.	☾, 1920-29. R, 25 yrs., 1902-28.	Do. do.
924	Manaos	Do. do.	P, ☾, R, 1914-30.	☾ = ¼(7+14+2x21).
926	Taperinha	Do. do.	P, R, 15 yrs., 1912-27. ☾, 1912-26.	P = ⅓(7+14+21). ☾ = ¼(7+14+2x21).
927	Turyassu	Do. do.	☾, 1912-26. R, 15 yrs., 1912-28.	q Do. do.
928	Barra do Corda	Do. do.	P, 1897-1924. ☾, R, 1896-1930.	Do. do.
929	Quixeramobim	Do. do.	P, T, 15 yrs., 1911-26. R, 15 yrs., 1911-27.	q P = ⅓(7+14+21). ☾ derived from ¼(7+14+2x21).
930	Fernando Noronha	Do. do.	P, 15 yrs., 1854-65; 1923-34. ☾ 15yrs., 1854-65; 1917-32. R, 25 yrs., 1854-65; '99-1928.	q P = ⅓(7+14+21). ☾ = ¼(7+14+2x21).
934	Ascension Island	MS. data at M.O.	P, 41 yrs., 1879-1925. ☾, 42 yrs., 1879-1925. R, 1879-1925.	e P = ⅓(9+21). ☾ derived from these hours.
939	Loanda	Loanda, Res. Obs. Meteor. ..... de Angola, Boletim Oficial, 1930.	..	P, ☾ = mean of 24 hrs.
940	Brazzaville	..	..	..
942	Tshibinda	MS. data supplied by Ministère des Colonies, Bruxelles.	..	☾ = ½(8+14+18+M+m).
943	Masaka	MS. data at M.O.	R, 25 yrs., 1902-27.	d ..
944	Nairobi (Kabete Obs.)	MS. data supplied by Brit. E. Africa Meteor. Service.	..	et P, ☾ = mean of 24 hrs.
944a	Zanzibar	Calcutta, India Weather Review, 1930 and MS. data.	P, R, see current data. T, 1891-1920.	aq P = 8h. ☾ derived from ⅓(M+m).
945	Lamu	See No. 944.	T, 15 yrs., 1911-28. R, 25 yrs., 1894-1925.	d ..
947	Seychelles, Port Office	See No. 944a.	P, ☾, R, see current data.	q P = ⅓(10+16) reduced to mean of 24 hrs. ☾ derived from ⅓(M+m).
957	Padang	Batavia, Obs. Secondary Stations, Netherlands East India 1930 and Batavia, Regenw. Nederlandsch-Indië, 1930.	P, 1908-22. ☾, 1913-18; '27-30. R, 1879-1928.	t P reduced to mean of 24 hrs. ☾ = mean of bi-hourly observations.
958	Batavia	Batavia, Obs. R. Magn. and Meteor. Obsy., 1930 and Batavia, Regenw. Nederlandsch-Indië, 1930.	P, ☾, 1866-1923. R, 1864-1923.	et P, ☾ = mean of 24 hrs.
958a	Pontianak	See No. 957.	P, 1906-30. ☾, 10 yrs., 1912-18; '27-30. R, 1879-1928.	t P reduced to mean of 24 hrs. ☾ = mean of bi-hourly observations.
959	Pasuruan	Do.	P, ☾, 1901-25. R, 1879-1928.	t Do. do.
960	Kajoemas	Batavia, Regenw. Nederlandsch-Indië, 1930.	R, 1888-1928.	..
962	Amboina	See No. 957.	P, 1906-30. ☾, 15 yrs., 1912-27. R, 1879-1928.	t P reduced to mean of 24 hrs. ☾ = mean of bi-hourly observations.
963	Manokwari	See No. 960.	R, 27 yrs., 1900-28.	..
965	Daru	Port Moresby, Papua Govt. Gazette, 1929-31.	P, 18 yrs., 1894-1922. T, 25 yrs., 1897-1933. R, 35 yrs., 1894-1933.	d P = 9h.
966	Port Moresby	Do. do.	P, 35 yrs., 1891-1933. T, 25 yrs., 1891-1923. R, 38 yrs., 1891-1930.	d Do.
967	Rabaul	MS. data supplied by Meteor. Bureau, Melbourne	P, T, R, 1916-31.	d P = ½(9+15).
969	Tulagi, Brit. Solomon Is.	MS. data at M.O.	T, 25 yrs., 1907-32. R, 35 yrs., 1898-1933.	☾ derived from ⅓(M+m). Pressure appears unreliable.
970	Ocean Island	Do.	P, 25 yrs., 1905-31. T, 25 yrs., 1905-30. R, 1905-29.	e P = ½(8+20). ☾ derived from ⅓(M+m).

ZONE 10.

Between Latitude 10° S. and 20° S.

1002	Apia, Samoa	Wellington, Rep. for Apia Obsy., Samoa, 1930 and MS. data.	P, 1890-1930. ☾, 1911-30. R, 1890-1924.	P, ☾ = mean of 24 hrs.
1003	Alofi, Niue Island	Wellington, Meteor. Obs. for 1930.	P, 15 yrs., 1907-14; '26-33. T, 25 yrs., 1907-33. R, 25 yrs., 1905-31.	P = 9h. ☾ derived from ⅓(M+m).
1021	Lima	Lima, Serv. Meteor. Nac. Res. Obs., 1930.	..	e P = ½ (M+m). Max. usually occurs at 10h. and min. at 16h. ☾ = mean of bi-hourly observations.
1022	Arica	Santiago, Publ. Inst. Meteor. de Chile, No. 43, 1930.	T, 10 yrs., 1914-32. R, 15 yrs., 1903-30.	ce P (Jan. to Mar.) = ⅓(7+13+21). P (Apr. to Dec.) = ⅓(7+13+18). ☾ (Jan. to Mar.) derived from ⅓(7+13+2x21). ☾ (Apr. to Dec.) = ¼(7+18+M+m).
1024	La Paz, Bolivia	La Paz, Res. Obs. Meteor., 1930 and MS. data.	P, ☾, 1918-32. R, 35 yrs., 1891-1931.	q P = ⅓(7+14+21). ☾ = ¼(7+14+2x21). 60° g. meridian time.
1025	Corumba	MS. data supplied by Directoria de Meteorologia, Rio de Janeiro.	P, R, 15 yrs., 1912-27. T, 10 yrs., 1913-27.	q P = ⅓(7+14+21). ☾ = ¼(7+14+2x21).
1026	Cuyaba	Do. do.	P, T, R, 1901-25.	q Do. do.
1027	Bello Horizonte	Do. do.	P, 15 yrs., 1910-26. ☾, 1910-24. R, 15 yrs. 1910-25.	q Do. do.

ZONE 10-continued.

No.	Name of Station	Authority for Current data	Period of Normals	Remarks For explanation see page 115
1028	Castite	MS. data supplied by Directoria de Meteorologia, Rio de Janeiro.	P, R, 15 yrs., 1909-26. ☾, 1912-26.	q P = ⅓(7+14+21). ☾ = ¼(7+14+2x21).
1029	Ondina (Bahia)	Do. do.	P, 15 yrs., 1909-26. ☾, 1911-25. R, 35 yrs., 1880-1929.	q Do. do.
1030	Aracaju	Do. do.	P, 15 yrs., 1911-29.	q Do. do.
1035	St. Helena	MS. data at M.O.	P, R, 10 yrs., 1925-35. ☾ (Jan. to July, Yr.) 1892-1920. T (Aug. to Dec.) 1892-1922.	e P = 6½h. ☾ derived from 6½h.
1039	Mossamedes	Loanda, Rès. Obs. Meteor..... de Angola, Boletim Oficial, 1930.	..	ex P = ½(8+14).
1041	Livingstone	Northern Rhodesia Meteor. Rep., 1929-30 and 1930-31 and MS. data at M.O.	T, R, 10 yrs., 1922-32.	ce P = ½(8+18).
1041a	Elisabethville	MS. data supplied by Ministère des Colonies, Bruxelles.	P, 15 yrs., 1912-31. T, 1912-21. R, 1912-26.	e P = 8h.
1042	Gwelo	MS. data at M.O.	T, R, 1907-31.	..
1043	Salisbury (Dept. Agric.)	Do.	P, 1921-31. T, 1897-1931. R, 1896-1930.	eq P, ☾ = mean of 24 hrs.
1044	Zomba	Nyasaland Govt. Gazette, 1930.	P, 1908-32. T, R, 1892-1926.	cde P = ⅓(9+15).
1045	Mosswill	Lourenço Marques, Relatório do Observatório Campos Rodrigues, 1930.	..	P, ☾ = mean of 24 hrs.
1046	Antananarivo	Tananarive, Bull. Mens., 1930 and MS. data.	P, ☾, 1890-1923. R, 1890-1924.	eq Do.
1055	Cocos, Keeling Is.	MS. data supplied by Meteor. Bureau, Melbourne.	P, 21 yrs., 1911-33. T, 1905-30. R, 1904-30.	d P = ½(9+15).
1057	Christmas Island	MS. data at M.O.	P, T, R, 1902-26.	..
1061	Rupeng	Batavia, Obs. Secondary Stations, Netherlands East India, 1930 and Batavia, Regenw. Nederlandsch-Indië, 1930.	P, 15 yrs., 1910-25. ☾, 15 yrs., 1912-27. R, 1879-1928.	P = ⅓(9+21). ☾ = ¼(9+21+M+m). et P, ☾ = mean of bi-hourly observations.
1061a	Derby	See No. 1055.	P, 1897-1931. T, 1897-1930. R, 1886-1930.	P = ⅓(9+15).
1062	Hall's Creek	Do.	P, 1901-25. T, 1899-1931. R, 1891-1930.	P = ⅓(9+15). ☾ derived from ⅓(M+m).
1063	Darwin	Do.	P, T, 1882-1930. R, 1870-1930.	Do. do.
1064	Daly Waters	Do.	P, 1881-1919. T, 1886-1930. R, 1873-1930.	Do. do.
1065	Palmerville	Do.	P, 1907; '10-34. T, 1907-34. R, 1890-1934.	P = ½(9+15).
1066	Georgetown, Queensland	Do.	P, 1910-24. T, 1907-30, R, 1872-1932.	Do.
1066a	Willis Island	Do.	P, T, R, 1922-31.	P = ⅓(9+15). ☾ = ⅓(9+15+21).
1067	Samarai	Do.	P, 15 yrs., 1904-24. T (May. to Aug.) 15 yrs., 1904-23. ☾ (Jan., Mar., Oct. to Dec.) 17 yrs., 1904-24. R, 25 yrs., 1891-1930.	P, ☾ (Jan., Mar., Oct. to Dec.) = 9h. ☾ (May to Aug.) derived from ⅓(M+m).
1072	Suva, Fiji	Port Moresby, Papua Govt. Gazette, 1929-31.	P, R, 1886-1928.	ce P = ½(8½+15½). ☾ derived from ⅓(M+m).
		MS. data at M.O.		e P (Jan. to Mar.) = ⅓(7+13+21). P (Apr. to Dec.) = ⅓(7+13+18). ☾ (Jan. to Mar.) derived from ¼(7+13+2x21). ☾ (Apr. to Dec.) = ¼ (7+18+M+m).

Table showing the Authorities for the Meteorology of the Globe between Latitude 20° S. and 30° S.

ZONE 11.

1101	Rarotonga (Avarua)	Wellington, Meteor. Obs. for 1930.	T, 25 yrs., 1899-1926. R, 1899-1933.	☾ derived from ⅓(M+m).
1121	Punta Tortuga, Coquimbo	Santiago, Publ. Inst. Meteor. de Chile, No. 43, Anuario, 1930.	P, 35 yrs., 1870-1930. T, 1911-25. R, 1900-24.	e P (Jan. to Mar.) = ⅓(7+13+21). P (Apr. to Dec.) = ⅓(7+13+18). ☾ (Jan. to Mar.) derived from ¼(7+13+2x21). ☾ (Apr. to Dec.) = ¼ (7+18+M+m).
1122	Antofagasta	Do. do.	P, T, 15 yrs., 1919-34. R, 15 yrs., 1904-25.	e Do. do.
1123	Catamarca	MS. data supplied by Dirección Meteor de Meteorologia, Buenos Aires.	P, 1901-25. ☾, 1904-28. R, 1902-26.	ce P = mean of 24 hrs. ☾ derived from ⅓(8+14+20).
1124	Salta	Do. do.	P, ☾, R, 1901-25.	eq P, ☾ = mean of 24 hrs.
1125	Goya	Do. do.	P, ☾, R, 1877-1924.	ce P = mean of 24 hrs. ☾ derived from ⅓(8+14+20).
1126	Asuncion	Do. do.	P, 35 yrs., 1893-1931. ☾, 1892-1911; '17-31. R, 40 yrs.	ce Do. do.
1127	Curityba	MS. data supplied by Directoria de Meteorologia, Rio de Janeiro.	P, 38 yrs., 1885-1924. ☾, 1885-1916; '20-22. R, 1885-1917; '20-25.	q P = ⅓(7+14+21). ☾ = ¼(7+14+2x21).
1128	Rio de Janeiro	Do. do.	P, R, 1851-1925. ☾, 1871-1925.	e P, ☾ = mean of 24 hrs.
1139	Windhoek	MS. data supplied by Meteorological Assistant, Windhoek.	T, 15 yrs., 1901-23. R, 35 yrs.	eu P = 8½h. ☾ = ¼(8½+14½+20½+m).
1140	O'Okiep	Pretoria, Meteor. Office Report, 1930 and MS. data.	P, 1900-24. T, 25 yrs., 1900-25. R, 1882-1924.	equ P = 8½h. ☾ derived from ⅓(M+m).
1141	Kimberley	Do. do.	P, 35 yrs., 1895-1930. ☾, 35 yrs. 1897-1932. R, 1894-1928.	eq P, ☾ = mean of 24 hrs.
1141a	Johannesburg	MS. data at M.O.	P, T, R, 1904-28. R, 1888-1924.	ceq P = 8½h. ☾ derived from ⅓(M+m).
1142	Bulawayo	See No. 1140.	P, T, R, 1897-1931.	ceq P = 8h. ☾ derived from ⅓(M+m).
1143	Durban	Lourenço Marques, Relatório Observatório Campos Rodrigues, 1930.	P, 1884-1920. T, 1885-1920. R, 1873-1920.	ce P = 8½h. ☾ derived from ⅓(M+m).
1144	Lourenço Marques	Mauritius, Results of Meteor. Obs., 1930 at Royal Alfred Observatory.	P, ☾, R, 15 yrs.	P, ☾ = mean of 24 hrs.
1147	Mauritius	MS. data supplied by Meteor. Bureau, Melbourne.	P, ☾, R, 1861-1919.	e Do.
1159	Onslow	Do. do.	P, 1897-1931. T, 1897-1930. R, 1886-1930.	P = ½(9+15).
1160	Cue	Do. do.	P, 1897-1931. T, 1897-1930. R, 1895-1930.	Do.
1161	Mullagine	Do. do.	P, 1899-1930. R, 1898-1930.	..
1162	Laverton	Do. do.	P, 1901-25. T, 1901-30. R, 1900-30.	P = ⅓(9+15). ☾ derived from ⅓(M+m).
1163	Alice Springs	Do. do.	P, 1885-1923. T, 1879-1930. R, 1874-1930.	q Do. do.
1164	William Creek	Do. do.	P, 1889-1923. T, 1889-1927. R, 1874-1930.	Do. do.
1165	Boulia	Do. do.	P, 1900-24. T, 1898-1931. R, 1886-1932.	Do. do.
1166	Thargomindah	Do. do.	P, 1910-24. T, 1907-30. R, 1879-1932.	Do. do.
1167	Mitchell	Do. do.	P, 1910-14; '18-27. T, 1907-30. R, 1884-1932.	P = ⅓(9+15).

ZONE 11-continued

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks (For explanation see page 115)	
1167	Rockhampton	MS. data supplied by Meteor. Bureau, Melbourne.	P, 1889-1923. T, 1898-1931. R, 1871-1932.	d	P = ¼(9+15).
1168	Brisbane	Do. do.	P, 41 yrs. T, 1887-1930. R, 83 yrs., 1840-1932.		P = ¼(9+15). ℰ = ¼(9+15+21+m).
1170	Norfolk Island	Do. do.	P, 15 yrs., 1908-27. T, 15 yrs., 1878-84; 1915-27. R, 1887-1912; '15-23.	d	P = 9h.

ZONE 12. Table showing the Authorities for the Meteorology of the Globe between Latitude 30° S. and 40° S.

1221	Juan Fernandez	Santiago, Publ. Inst. Meteor. de Chile, No. 43, Anuario, 1930.	P, 1923-34. T, 18 yrs., 1901-32. R, 17 yrs., 1902-22.	e	P(Jan.to Mar.) = ⅓(7+13+21). P(Apr.to Dec.) = ⅓(7+13+18). ℰ(Jan.to Mar.) derived from ¼(7+13+2x21). ℰ(Apr.to Dec.) = ¼(7+18+M+m).
1221a	Punta Tumbes	Do. do.	P, T, R, 1901-25.	e	Do. do.
1222	Punta Angeles, Valparaiso	Do. do.	P, R, 35 yrs., 1869-1928. T, 25 yrs., 1906-32.	e	Do. do.
1222a	Santiago	Do. do.	P, 1861-1921. T, 1921-30. R, 1867-1921.	e	Do. do.
1223	Cordoba	Cordoba, Oficina Meteor. Nacional Sinopsis del Tiempo, 1930 and MS. data.	P, ℰ, R, 1873-1924.	e	P, ℰ = mean of 24 hrs.
1224	Bahia Blanca	MS. data supplied by Direccion de Meteorologia, Buenos Aires.	P, ℰ, 1860-83; '96-1924. R, 1860-83; '85-1924.		
1225	Buenos Aires (Chacarita)	Do. do.		e	Do.
1226	Montevideo (Prado)	MS. data supplied by Servicio Meteor. del Uruguay.	P, 1858-1924. ℰ, 1856-1924. R, 1861-1924.	e	Do.
1226a	Porto Alegre	Porto Alegre, Inst. Coussirat Araujo, Bol. An., 1930.	P, 1901-20; '29-33. T, R, 1901-20; '25-29. P, ℰ, R, 1910-24.	c	P = ⅓(7+14+21). ℰ derived from ¼(M+m).
1239	Cape Town	Pretoria, Meteor. Office Report, 1930.		e	P, ℰ = mean of 24 hrs.
1240	Danger Point	Pretoria, Meteor. Office Report, 1930 and MS. data.	P, R, 1841-1928. T, 1857-1924. T, 15 yrs., 1910-27. R, 25 yrs.	eu	P = ⅓(8½+12½+20½). ℰ derived from ¼(M+m).
1241	Riversdale	Do. do.		..	..
1242	East London	Do. do.	T, 10 yrs., 1918-28. R, 49 yrs.		
1259	Perth (Observatory)	MS. data supplied by Meteor. Bureau, Melbourne.	P, 1870-1904. T, 1881-1906; '10-19. R, 35 yrs., 1877-1914.	ce	P = 8½h.
1260	Katanning	Do. do.	P, 43 yrs. T, 1897-1930. R, 1876-1930.		P = ½(9+15). ℰ derived from ¼(M+m).
1261	Coolgardie	Do. do.	P, T, 1897-1931. R, 1892-1930.		
1262	Eucla	Do. do.	P, 1897-1931. T, 1897-1930. R, 1893-1930.		P = ½(9+15).
1263	Streaky Bay	Do. do.	P, 1879-1918. T, 1878-1927. R, 1876-1927.		P = ½(9+15). ℰ derived from ¼(M+m).
1264	Adelaide	Do. do.	P, 1890-1924. T, 1891-1930. R, 1878-1930.		Do. do.
1265	Melbourne	Do. do.	P, 71 yrs. T, 1857-1930. R, 1839-1930.		Do. do.
1266	Bourke	Do. do.	P, 70 yrs. T, R, 1856-1931.		Do. do.
1267	Sydney	Do. do.	P, 1907-29. T, 1878-1930. R, 1873-1930.		P = mean of 24 hrs. ℰ derived from ¼(M+m).
1268	Lord Howe Island	Do. do.	P, 69 yrs. T, R, 1859-1931.		P = ½(9+15).
1271	Auckland	Wellington, Meteor. Obs. for 1930.	P, 1914-28. T, 1913-21; '23-28. R, 1897-1912; '15-23.		P = ⅔(9+15). ℰ = ¼(9+15+21+m).
1272	Napier	Do. do.	P, 33 yrs., 1863-82; 1916-30. T, 1864-1923. R, 77 yrs. T, 34 yrs. R, 52 yrs.		P = 9h.
					Do.
					..

ZONE 13. Between Latitude 40° S. and 50° S.

1301	Chatham Island	MS. data supplied and Meteor. Office, Wellington, N.Z.	P, 1913-14; '20-25; '29-30. R, 25 yrs., 1879-81; '94-1919.		P = 9h.
1321	Isla Guafo	Santiago, Publ. Inst. Meteor de Chile, No. 43, Anuario, 1930.	P, R, 1908-32. T, 1909-30.	e	P(Jan.to Mar.) = ⅓(7+13+21). P(Apr.to Dec.) = ⅓(7+13+18). ℰ(Jan.to Mar.) derived from ¼(7+13+2x21). ℰ(Apr.to Dec.) = ¼(7+18+M+m).
1322	Punta Galera	Do. do.	P, T, R, 1899-1933.	e	P(Jan.toMar.) = ⅓(7+13+21). P(Apr.to Dec.) = ⅓(7+13+18). ℰ(Jan.to Mar.) derived from ¼(7+13+2x21). ℰ(Apr.,May.,July to Dec.) = ¼(7+18+M+m).
1323	Sarmiento	MS.data supplied by Direccion de Meteorologia, Buenos Aires.	P, 25 yrs., 1903-28. ℰ, R, 1903-27.	e	P, ℰ = mean of 24 hrs.
1324	Puerto Madryn	Do. do.			
1365	Launceston	MS. data supplied by Meteor. Bureau, Melbourne	P, 25 yrs., 1902-30. ℰ, 1901-25. R, 25 yrs., 1902-28. P, 1905-29. T, 1889-1930.	e	Do.
1366	Hobart	Do. do.			P = ½(9+15). ℰ derived from ¼(M+m).
1369	Invercargill	Wellington, Meteor. Obs. for 1930.	P, 43 yrs. T, 1871-1931. R, 1841-79; '82-1931. T, 20 yrs. R, 36 yrs.		Do. do.
1370	Alexandra	Wellington, Meteor. Obs. for 1930 and 1932.			..
1371	Dunedin	See No. 1369.	P, 1913-30. T, 66 yrs. R, 73 yrs.		ℰ = mean of 24 hrs.
1371a	Christchurch	Do.	P, 1864-80; 1905-30. T, 42 yrs. R, 53 yrs.		P = 9h.
1372	Wellington	See No. 1370.	P, 65 yrs., 1864-1930. T, 66 yrs. R, 1862-1923.		Do.
					P = 9h. ℰ = mean of 24 hrs.

ZONE 14. Between Latitude 50° S. and 60° S.

1421	Islota de los Evangelistas	Santiago, Publ. Inst. Meteor. de Chile, No. 43, Anuario, 1930.	P, R, 1899-1933. T, 1901-24.	e	P (Jan.to Mar.) = ⅓(7+13+21). P (Apr.to Dec.) = ⅓(7+13+18). ℰ(Jan.to Mar.) derived from ¼(7+13+2x21). ℰ(Apr.to Dec.) = ¼(7+18+M+m).
1422	Magallanes (Punta Arenas)	Do. do.	P, 1889-1924. T, R, 1888-1924.	e	Do. do.
1423	Punta Dungeness	Do. do.	P, 25 yrs., 1900-26. T, 15 yrs., 1905-06; '12-25. R, 25 yrs., 1903-29.	e	P (Jan.to Mar.) = ⅓(7+13+21). P (Apr.to Nov.,Dec.) = ⅔(7+13+18). ℰ (Jan.to Mar.) derived from ¼(7+13+2x21). ℰ (Apr.to Dec.) = ¼(7+18+M+m).
1424	Santa Cruz	MS. data supplied by Direccion de Meteorologia, Buenos Aires.	P, 25 yrs., 1903-31. ℰ, 1901-25. R, 25 yrs., 1896-1925.	e	P, ℰ = mean of 24 hrs.
1425	Stanley, Falkland Is.	MS. data at M.O.	P, 15 yrs., 1875-77; 1922-34. T, 15 yrs., 1874-83; 1922-30. R, 35 yrs., 1874-91; 1904-33.	e	P = 9h.
1426	Cape Pembroke	Do.	P, 1895-1929. ℰ, 35 yrs., 1895-1930.	e	P, ℰ = ⅛(4+8+12+16+20+24). No rain groups.
1429	S.Georgia (Cumberland Bay)	Do.	P, 25 yrs., 1906-32. ℰ, 1905-30. R, 25 yrs., 1906-31.	e	P = ⅓(8+14+20). ℰ derived from these hours.

ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	MS. data supplied by Direccion de Meteorologia, Buenos Aires.	P, ℰ, 1903-27. R, 25 yrs., 1904-30.	e	P, ℰ = mean of 24 hrs.

NOTES

Unless otherwise stated, the hours of observation refer to Local Mean Time.

a. Maximum thermometer read at hour of morning observation and entered to day of reading.
c. International Zone Time.
d. ℰ derived from table below.
e. M.S.L. reduction applied in M.O.
f. At Cairo, mean temperatures obtained by this formula are 0·7°A. too low.
g. At Khartoum, mean temperatures obtained by this formula are 1·0°A. too low.
k. Absolute maximum taken from observations at fixed hours.
l. Absolute minimum taken from observations at fixed hours.
n. 75°W. meridian time.
q. Pressure differences from normal refer to station level values.
t. Maximum and minimum temperatures from thermograph.
u. 30°E. meridian time.
w. 15°E. meridian time.
x. Greenwich Mean Time.

Normals for which the period is enclosed in brackets have been computed by comparison with neighbouring stations.
The statement that ℰ is derived from a certain combination, means that a correction has been applied to the values given by this combination, to obtain the approximate true mean temperature.
Summary of Wind within the Tropics.- The information is extracted from MS. data at M.O.

REDUCTION TO TRUE MEAN TEMPERATURE

The following references give the more important authorities for the corrections which have been applied to reduce the temperature, either means of observations at fixed hours or means of maxima and minima, to true mean.

General.- Brooks, C.E.P. True mean temperature. Washington, Monthly Weather Rev., 49, 1921, p.226.

Greenland, Iceland.- Copenhagen, Institut Météor., Moyennes et extrêmes météor. . . . . des Iles Féroe, de l'Islande et du Groenland. Copenhagen, 1899.

Norway.- Kristiania, Jahrb. d. Norweg. Meteor. Instituts.

Denmark.- Jantzen, V. Willaume, Meteorologiske Observationer i Kjøbenhavn. Copenhagen, 1896.

Sweden.- Ekholm, N., Calcul de la température moyenne mensuelle de l'air aux stations météor. suédoises. Uppsala, 1916.

Russia.- Wild, H., Die Temperatur-Verhältnisse des Russischen Reiches. 3 vols. St. Petersburg, 1881.

Canada.- Prepared in M.O.

U.S.A.- Washington, D.C., U.S. Dept. Agric., Weather Bureau, Bulletin S. by F.H. Bigelow, 1909.

Portugal (Lisbon).- J. d'Almeida Lima, O clima de Portugal Continental. Lisbon, 1922.

Italy.- Eredia, F., Il clima di Roma. Rome, 1911.

Greece (Athens).- Athens, Observatoire National, Annales.

Africa.- Brooks, C.E.P. The Reduction of Temperature Observations to Mean of 24 hours, and the Elucidation of the Diurnal Variation in the Continent of Africa, London, Q.J.R. Meteor. Soc., 43, 1917, p.375.

Egypt and Sudan.- Supplied by Physical Department, Cairo.

India.- Calcutta, Meteorological Office, Indian Meteorological Memoirs, vol. xvii. Calcutta, 1904.

Tropics.- Hann, J. von, Die tägliche Gang der Temperatur in der inneren Tropenzone; Die tägliche Gang der Temperatur in der äusseren Tropenzone. 3 vols. Vienna, 1905, 1906, 1907.

South America.- Supplied by Mr. R.C. Mossman.

South Georgia.- Internationale Polarforschung, 1882-3, Die Beobachtungs-Ergebnisse der Deutschen Stationen; Süd-Georgien. Berlin, 1866.

The following table gives approximate corrections for the limits 30° N. to 30° S. to reduce ½ (M + m) to true mean temperature (ℰ), taking into consideration the height and the daily range (M - m). It can be applied in cases where no other correction is available, and has been so used in the tables in this issue.

Daily Range	Height in Metres.							
	0	500	1000	1500	2000	2500	3000	3500
°A	°A	°A	°A	°A	°A	°A	°A	°A
4	- ·35	- ·42	- ·49	- ·56	- ·63	- ·70	- ·77	- ·84
6	- ·42	- ·50	- ·58	- ·66	- ·74	- ·82	- ·90	- ·98
8	- ·52	- ·59	- ·65	- ·72	- ·78	- ·85	- ·91	- ·98
10	- ·64	- ·67	- ·70	- ·73	- ·76	- ·79	- ·82	- ·85
12	- ·79	- ·76	- ·73	- ·70	- ·67	- ·64	- ·61	- ·58
14	- ·97	- ·85	- ·73	- ·61	- ·49	- ·37	- ·25	- ·13

SUMMARY OF WINDS WITHIN THE TROPICS—1930

Month	FANNING ISLAND 805		SIERRA LEONE 834				ENTEBBE 844				ASCENSION ISLAND 934			
	9h.		9h.		17h.		7h.		21h.		9h.		21h.	
	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal
January	130° (91)	115° (82)	60° (19)	65° (29)	25° (51)	240° (42)	330° (31)	275° (14)	230° (24)	230° (42)	140° (88)	125° (81)	145° (88)	135°
February	120° (86)	100° (80)	260° (28)	285° (14)	240° (82)	235° (71)	225° (18)	250° (17)	185° (18)	220° (42)	150° (89)	125° (79)	155° (90)	135°
March	110° (75)	90° (81)	265° (54)	275° (27)	230° (95)	235° (72)	205° (2)	250° (30)	225° (22)	225° (43)	160° (76)	130° (81)	170° (81)	135°
April	125° (88)	90° (82)	300° (44)	280° (23)	230° (78)	240° (73)	255° (19)	235° (37)	185° (9)	220° (40)	140° (88)	125° (83)	140° (86)	135°
May	115° (64)	100° (75)	295° (41)	330° (9)	225° (86)	235° (63)	210° (25)	225° (26)	205° (33)	215° (36)	135° (79)	125° (85)	145° (87)	135°
June	115° (74)	115° (77)	150° (8)	50° (19)	235° (71)	225° (48)	235° (12)	240° (32)	195° (24)	215° (40)	140° (85)	125° (84)	140° (86)	135°
July	125° (69)	120° (81)	175° (13)	245° (11)	225° (73)	230° (60)	235° (6)	260° (13)	205° (8)	200° (35)	135° (85)	125° (82)	135° (87)	135°
August	120° (91)	125° (86)	235° (48)	235° (27)	230° (85)	230° (68)	355° (39)	340° (20)	240° (17)	200° (32)	135° (80)	125° (82)	130° (87)	135°
September	145° (88)	130° (86)	10° (31)	305° (2)	230° (86)	230° (61)	335° (51)	335° (25)	265° (39)	230° (33)	120° (84)	125° (83)	135° (88)	135°
October	135° (43)	135° (81)	70° (48)	60° (32)	215° (68)	235° (47)	5° (25)	310° (23)	255° (25)	240° (36)	125° (81)	125° (84)	130° (89)	135°
November	110° (60)	125° (80)	60° (48)	60° (33)	230° (74)	235° (49)	260° (11)	295° (22)	230° (19)	240° (35)	125° (82)	125° (85)	135° (89)	135°
December	70° (83)	115° (80)	45° (48)	60° (35)	225° (68)	245° (41)	70° (18)	285° (29)	240° (25)	235° (40)	120° (86)	130° (82)	120° (89)	135°
Year	120° (72)	115° (79)	335° (9)	20° (7)	230° (76)	235° (57)	315° (11)	270° (19)	225° (22)	225° (37)	135° (82)	125° (83)	140° (85)	135°
Period of Normals	15 yrs.,1909-30		15 yrs., 1910-25				1914-28				10 yrs., 1923-33			

Month	TULAGI 969		OCEAN ISLAND 970				APIA, SAMOA 1002			St. HELENA* 1035		SUVA, FIJI 1072		
	9h.		8h.		20h.		9h.		15½h.	6½h.		8½h.		14½h.
	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Resultant	§Normal	§Resultant	§Normal	§Resultant
January	330° (42)	320° (15)	15° (42)	65° (45)	320° (28)	70° (34)	100° (40)	75° (27)	95° (54)	150° (91)	142° (92)	80° (51)	90° (45)	120°
February	315° (47)	310° (20)	25° (26)	75° (54)	270° (9)	75° (48)	70° (16)	65° (24)	25° (31)	155° (92)	141° (90)	40° (27)	80° (45)	150°
March	130° (21)	320° (11)	110° (29)	75° (58)	180° (3)	75° (46)	100° (48)	75° (37)	85° (47)	145° (48)	142° (88)	75° (35)	80° (37)	120°
April	120° (83)	125° (31)	135° (40)	80° (68)	135° (10)	75° (54)	100° (44)	95° (48)	85° (49)	- -	138° (89)	50° (63)	90° (49)	120°
May	125° (81)	130° (66)	135° (52)	85° (72)	185° (11)	85° (55)	105° (56)	105° (56)	90° (58)	- -	139° (86)	120° (62)	100° (47)	120°
June	- -	130° (81)	130° (63)	90° (70)	135° (7)	85° (57)	125° (58)	100° (61)	120° (62)	- -	136° (84)	95° (47)	95° (43)	120°
July	130° (78)	135° (81)	255° (36)	90° (54)	285° (28)	85° (49)	115° (70)	100° (63)	110° (58)	- -	139° (86)	125° (30)	95° (46)	120°
August	125° (90)	135° (79)	270° (47)	95° (59)	270° (29)	95° (55)	110° (64)	100° (76)	115° (84)	- -	141° (89)	95° (41)	105° (47)	120°
September	135° (98)	135° (76)	250° (38)	95° (52)	265° (18)	85° (43)	95° (57)	95° (70)	90° (54)	160° (83)	143° (91)	125° (14)	105° (37)	120°
October	135° (99)	135° (74)	210° (22)	95° (44)	255° (18)	85° (25)	105° (83)	95° (66)	110° (87)	- -	145° (92)	110° (72)	100° (60)	120°
November	130° (79)	130° (45)	270° (47)	80° (23)	270° (50)	60° (14)	105° (57)	80° (56)	115° (67)	- -	142° (93)	95° (75)	100° (62)	120°
December	125° (76)	130° (12)	315° (37)	65° (35)	260° (20)	65° (28)	110° (48)	90° (44)	105° (66)	- -	144° (91)	105° (84)	100° (51)	120°
Year	- -	130° (42)	210° (6)	85° (52)	265° (15)	80° (42)	105° (53)	90° (52)	100° (58)	- -	141° (89)	95° (46)	95° (49)	120°
Period of Normals	1909-23		1921-30				1922-31			1893-1920		45 yrs.,1883-1928		

§Direction and Constancy. For explanation see Introduction.
*Normal refers to 9h. at the old site of St. Matthew's Vicarage.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC—1930

MONTH	KARA SEA†		BARENTS SEA†		GREENLAND SEA†	
	Area covered sq.Km.x 10^3	Normal sq.Km.x 10^3	Area covered sq.Km.x 10^3	Normal sq.Km.x 10^3	Area covered sq.Km.x 10^3	Mean sq.Km.x
April	255	255	1202	1155	859	1
May	255	255	1104	981	812	1
June	255	253	635	841	728	
July	240	240	246	519	580	
August	60	137	97	320	413	
Period of Normals	1895-1915		1895-1915		37 yrs., 1877-1915	

MONTH	ICELAND†				NEWFOUNDLAND BANKS †† (south of 48° N.)	
	No. of days with ice.		Normal no. of days with ice.		Number of Icebergs.	
	Visible	Heavy	Visible	Heavy	Observed	Mean
January	0	0	3	1	1	
February	0	0	4	0	14	
March	6	0	5	2	116	
April	5	0	6	1	87	
May	0	0	6	1	89	
June	0	0	7	1	101	
July	0	0	4	0	62	
August	0	0	2	0	3	
September	0	0	0	0	1	
October	0	0	0	0	1	
November	0	0	0	0	0	
December	0	0	0	0	0	
Year	11	0	37	6	475	
Period of Normals	1901-25				1900-26	

†Isforholdene i de arktiske Have, 1930, published by the Danish Meteorological Institute.
†† International ice observations and ice patrol service in the North Atlantic Ocean, 1930.

Printed under the authority of HIS MAJESTY'S STATIONERY OFFICE
by PERCY LUND, HUMPHRIES & CO. LTD.

(17895) Wt. 2975 & A./6030/P&.4991 & 2. 375. 9/37 & CO. LTD. G.922.